MINI HiFi COMPONENT SYSTEM

RXD-951/951E/951W/A900/A700/ A700E/A700W/V616/V818/V919

SERVICE MANUAL

(XD-951~V919)**

KENWOOD

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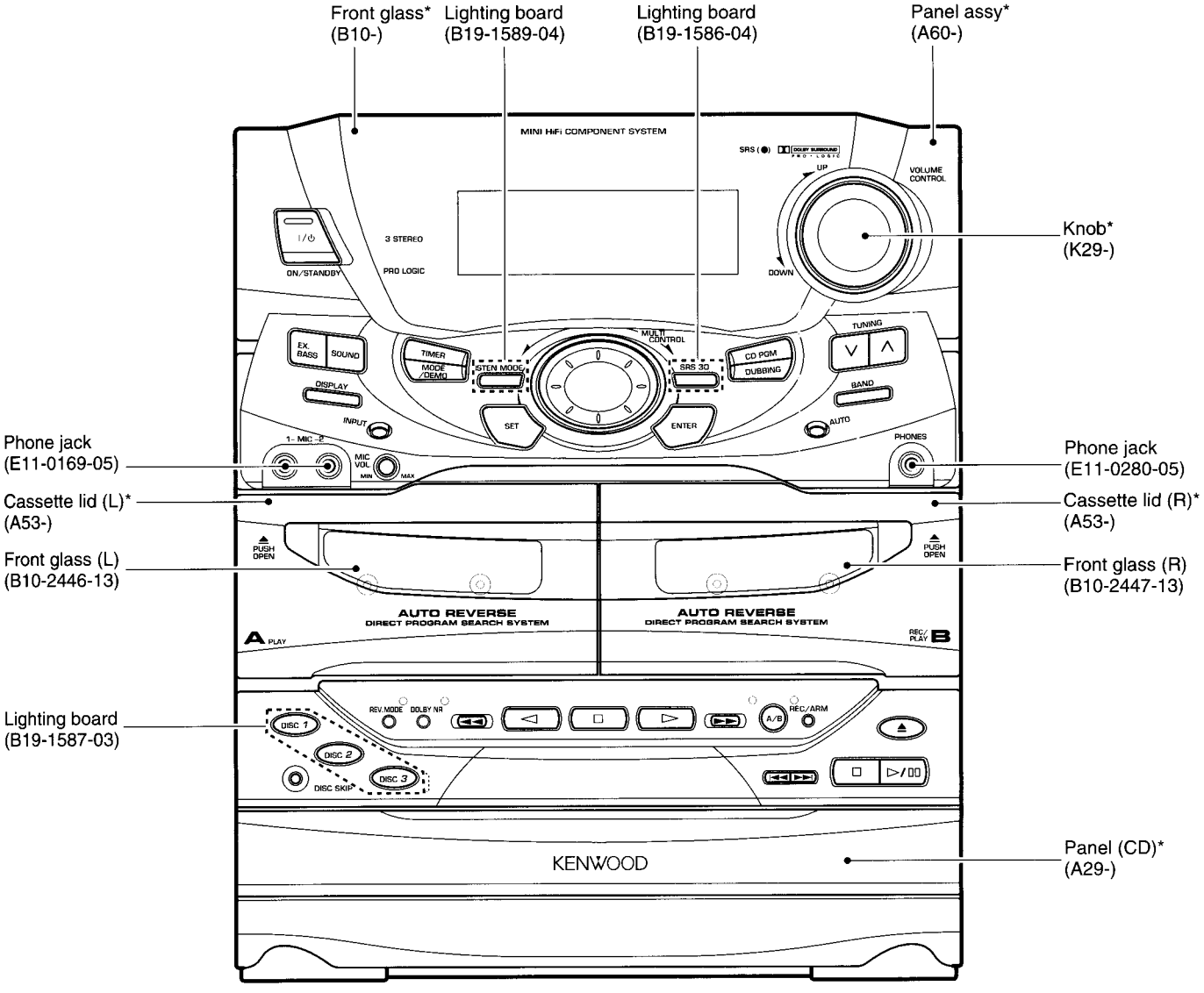

****Refer to page 2 if you want to know system configuration.**

*** Refer to parts list on page 62.**

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD-Crop. certifies this equipment conforms to DHHS Regulations No. 21 DFR 1040. 10, Chapter 1, Subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM

Refer to RXD-500/700 (B51-5300-00), If you require TUNER preset frequency in detail.
Refer to RXD-501/etc(B51-5420-00), if you require CIRCUIT DESCRIPTION in detail.

RXD-951/A700/A900/V616/V818/V919

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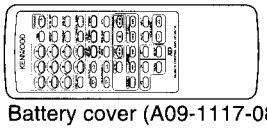
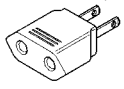
Accessories

Remote control unit (1)
(A70-1221-05) : RC-951R



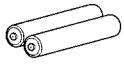
Battery cover (A09-1117-08)

AC plug adaptor (1)
(E03-0115-05)

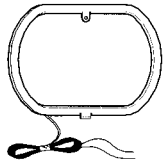


Use to adapt the plug on the power cord to the shape of the wall outlet. (Accessory only for regions where use is necessary.)

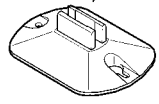
Batteries (R6/AA) (2)



AM loop antenna (1) (T90-0833-05)



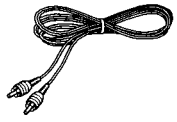
Loop antenna stand (1)
(J19-3645-05)



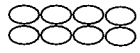
Speaker cords (4)
XD-951/XD-A900
Speaker cords (2)
XD-A700

(Provided in the speaker package)

Video cord (1)
(E30-1427-05)



Speaker cushions (8)
(G11-2345-04)

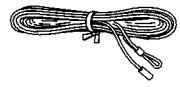


Surround speaker system
- Surround speaker (2)
  - Speaker cord (2)
  - Speaker stabilizer (8)
  - Wall mount hardware (2)
  - Screw (4)
- Center speaker (1)
  - Speaker cord (1)
  - Speaker stabilizer (4)*

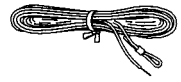
*Except for CRS-N551

FM indoor antenna (1)

Europe and U.K.
(T90-0836-05)



Other countries
(T90-0801-05)



Model name vs remote controller

Remote controller		Model name	Destination	Battery cover
Parts number	Model name			
A70-1218-05	RC-V919	RXD-V919	M2I2V2	A09-1117-08
A70-1219-05	RC-V818	RXD-V818	M3I3V3	
		RXD-V616	M4I4V4	
A70-1220-05	RC-951	RXD-A900	K1P1	
		RXD-A700	K2P2X2	
		RXD-951	M1I1XIYIM5	
A70-1221-05	RC-951R	RXD-951	E1	
		RXD-951E	E2	
		RXD-A700E	E3	
		RXD-951W	Q1	
		RXD-A700W	Q2	

System configration

SYSTEM	MAIN UNIT	DESTINATION	SPEAKER	SPEAKER	SP CORD PARTS.NO.
XD-A900	RXD-A900	K1P1	LS-N851	CRS-N851	E30-5471-05
XD-951	RXD-951	X1Y1M1E1M5	LS-N851	CRS-N851	E30-5471-05
XD-951E	RXD-951E	E2	LS-N851	CRS-N851	E30-5471-05
XD-951W	RXD-951W	Q1	LS-N851	CRS-N851	E30-5471-05
XD-A700	RXD-A700	K2P2	LS-N451	CRS-N551	E30-5120-08
XD-A700	RXD-A700	X2	LS-N551	CRS-N851	E30-5474-08
XD-A700E	RXD-A700E	E3	LS-N551	CRS-N851	E30-5474-08
XD-A700W	RXD-A700W	Q2	LS-N551	CRS-N851	E30-5474-08
XD-V616	RXD-V616	M4I4V4	LS-N651	-	E30-5475-05
XD-V818	RXD-V818	M3I3V3	LS-N851	-	E30-5471-05
XD-V919	RXD-V919	M2I2V2	LS-N851	CRS-N851	E30-5471-05

Refer to the ICs.

Ref. No.	Parts No.	Refer to Service Manual(page)		Remarks
(X09) IC10	M38199MF-080FP	RXD-501/etc.	(9, 10)	It is the same H38199MF-075FP.
(X09) IC10	M38199MF-080FP	RXD-501/etc.	(9, 10)	
(X14) IC1	uPD780204-038	RXD-501/etc.	(11)	—
(X28) IC6	TC74HC166AP	RXD-501/etc.	(12)	

EXTERNAL VIEW

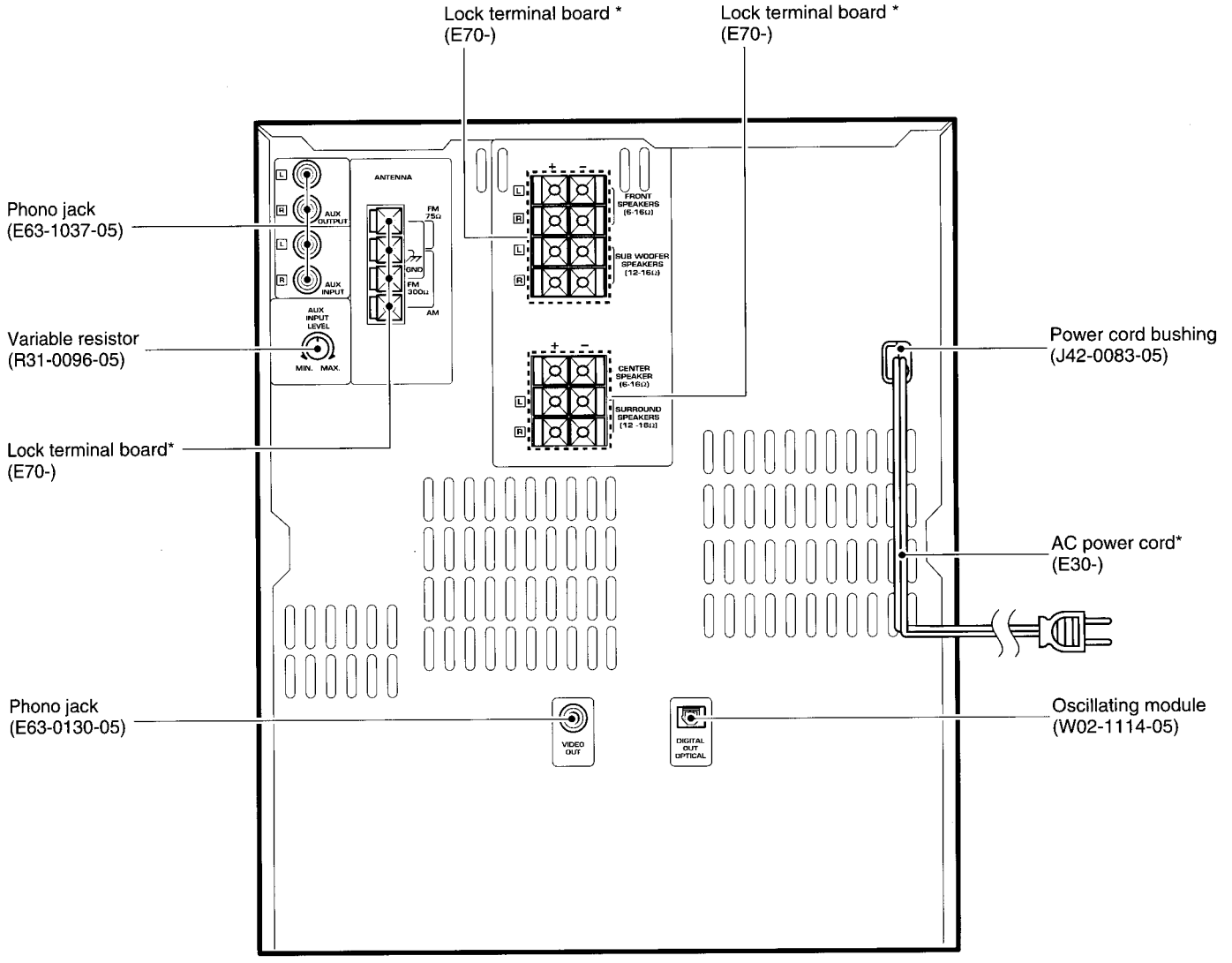


Illustration is RXD-V919.

*** Refer to parts list on page 62.**

DISASSEMBLY FOR REPAIR

1. How to remove the front panel.

(1) Turn the power ON and then push the open/close key to open the tray.
(2) After removed the tray cover, push the open/close key to close the tray and then turn the power OFF.
(3) Remove the push rivet (①) and 4 screws (②, ③).
(4) The front panel can be separated by removing the 3 screws (④) located at the bottom plate of the front panel.

2. How to remove the CD mechanism

(1) Remove 4 screws (⑤) on the left side/right side of chassis.
(2) Remove 4 screws (⑥) and the cap (⑦) on the rear panel.
(3) Disengage the CD mechanism as FIG.2.
(4) Connect the GND plate of X32 PCB and the chassis with a alligator clip wire (⑧).

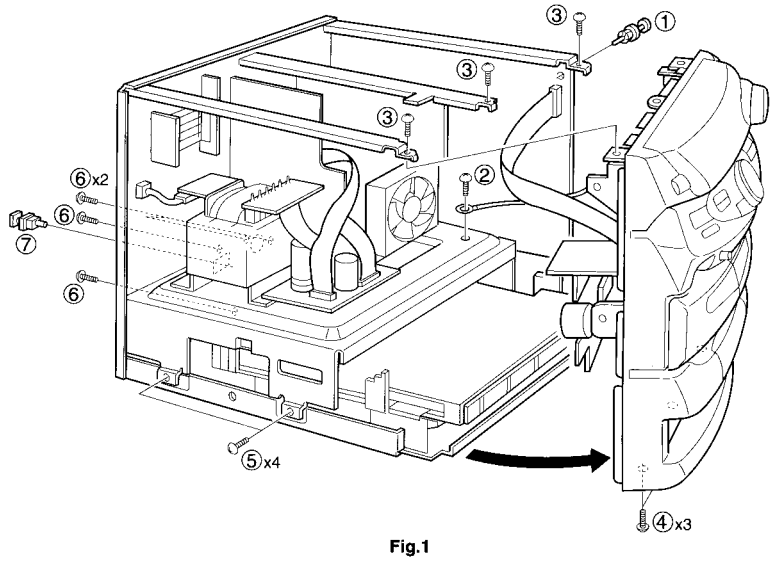


Fig.1

3. How to remove the mult control knob.

• Remove the knob by string (⑨).

4. How to open the tray if not comes out.

(1) From the rear side of the CD mechanism, use a screw driver or the like to turn the friction arm fully counterclockwise.
(2) Pull out the tray front wards by hand when the tray comes just out.

* As for details of items in the below, refer to RXD-F3 service manual (B51-5091-00).
(1) How to detach the tray.
(2) How to attach the tray.
(3) Replacing the pickup.

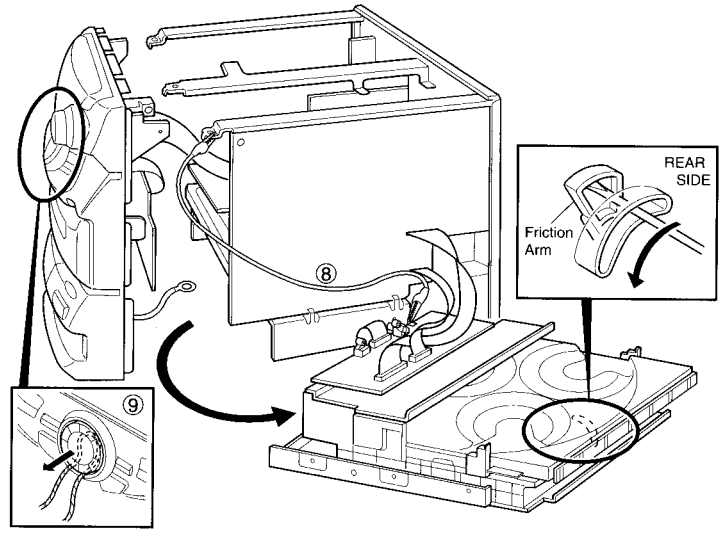
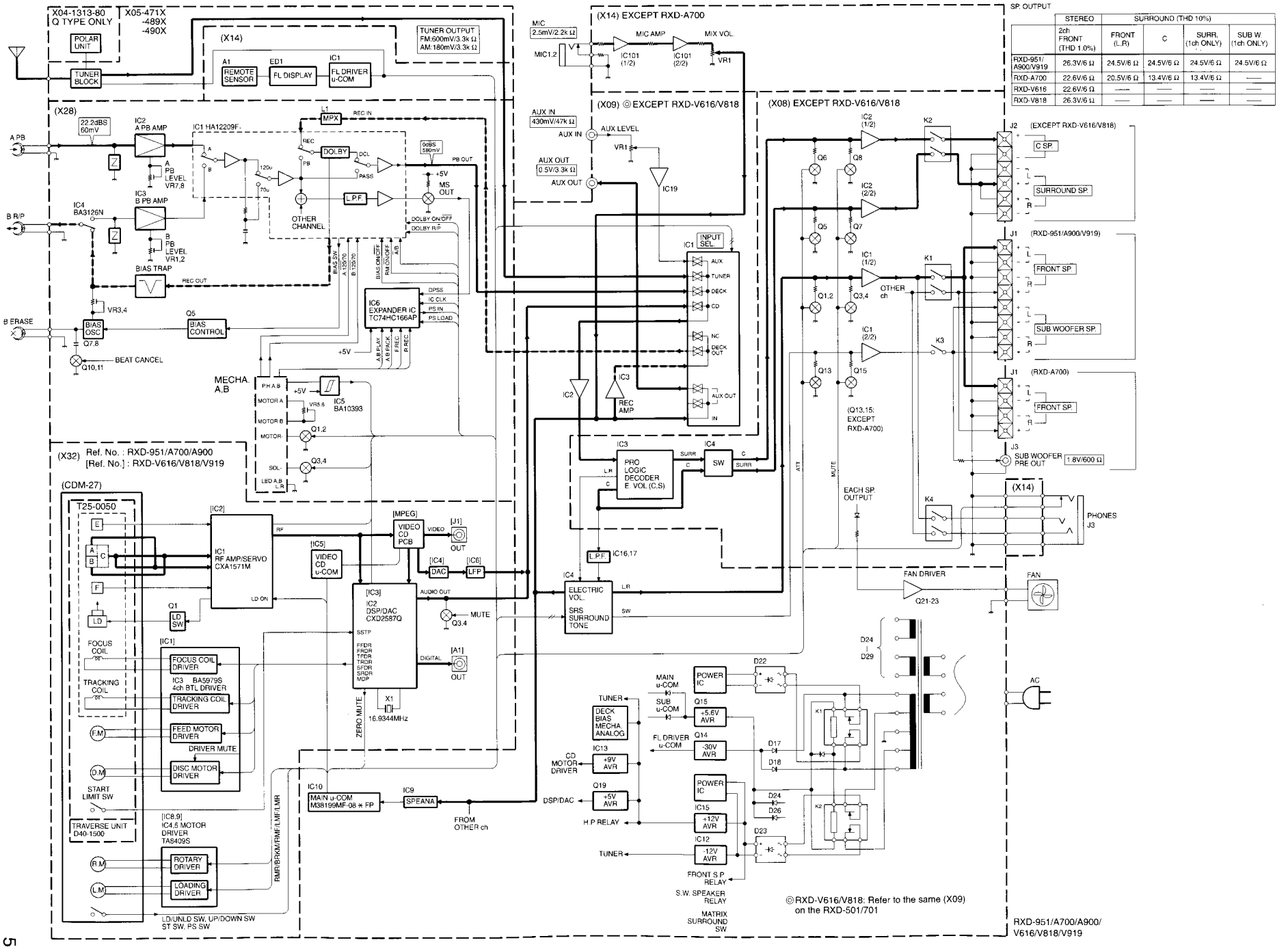


Fig.2

RXD-951/A700/A900/V616/V818/V919

BLOCK DIAGRAM



SP. OUTPUT

	STEREO	SURROUND (THD 10%)			
	2ch FRONT (THD 1.0%)	FRONT (L,R)	C	SURR. (1ch ONLY)	SUB W. (1ch ONLY)
RXD-951/ A900/V919	26.3V/6 Ω	24.5V/6 Ω	24.5V/6 Ω	24.5V/6 Ω	24.5V/6 Ω
RXD-A700	22.6V/6 Ω	20.5V/6 Ω	13.4V/6 Ω	13.4V/6 Ω	—
RXD-V616	22.6V/6 Ω	—	—	—	—
RXD-V818	26.3V/6 Ω	—	—	—	—

CIRCUIT DESCRIPTION

1. Initialization

1-1 Setting of initial conditions

While pressing the [ENTER] key, plug the AC cord into the AC power outlet.

1-2 Initializing operation

- A microcomputer is initialized for start when the AC power is turned on while pressing the [ENTER] key. At that time, CD mechanism and CASSETTE mechanism are also initialized.
- During the initial operation, the display shows "INITIALIZE" and after that the clock blinks up on display.

1-3 The backup data and initial items.

	ITEMS	
AMP	POWER	OFF
	VOLUME	45
	BALANCE	CENTER
	※MUTING	OFF
	※EQ	OFF (ROCK)
	EQ. MANU	FLAT
	※EX. BASS	ON
	S. W. *	LEVEL3
	SRS 3D	OFF
	3D LEVEL	LEVEL +5
	INPUT SEL	TUNER
	※DISPLAY MODE	DISPLAY AUTO
	DEMO	OFF
	DOLBY PRO LOGIC *	OFF
	DOLBY 3 STEREO *	OFF
	CENTER MODE *	NORMAL
	DELAY TIME *	20 msec
	CENTER LEVEL *	0 (-10dB)
	SURROUND LEVEL *	0 (-10dB)
TUNER	BAND	FM
	LAST f	LOWEST FREQUENCY
	LAST Pch	— —
	AUTO/MONO	AUTO
	Pch	TEST f
CLOCK TIMER	※CLOCK	AM 12 : 00 ***
	PROG ON	AM 12 : 00
	PROG OFF	AM 12 : 00
	PRO MODE	TIMER PLAY
	SOURCE	TUNER
	Pch	1
	EXE	OFF
	OTT	OFF
	※SLEEP	OFF
DECK	DIRECTION	FORWARD
	RVS MODE	⊃
	DOLBY NR	OFF
	※A/B	B
	※ACTIVE MODE	STOP
CD/VCD	※PLAY MODE	TRACK
	AUTO/NTSC/PAL	AUTO
	※AUTO PBC	ON
	※DIGEST	OFF
	※MEMORY STOP	OFF
	※REPEAT	OFF
	※RANDOM	OFF
	※ACTIVE MODE	STOP
	※TIME	SINGLE

※ None backup data
* Except RXD-V616
** Except RXD-V616/V818
*** Display [– – : – –]

1-4 Mechanism initialization

1-4-1 CD mechanism

- Disc unclamps (traverse down)
- Rotary tray rotates (1/3 rotation)
- If a mechanism error occurs, "CD" is indicated on the display.

1-4-2 DECK mechanism

- When initial condition becomes NG for the third time, decide the error.
  The error condition is displayed as "X" on the display.

1-4-3 Error display

CD X ERR

2. Test mode of the receiver

※ Refer to the 3. test mode on page 7, 8 of the Service manual RXD-501/etc. (B51-5420-00).
※ It makes description of addition RXD-V919 only.
(The operation of the keys)

Push Key	Active description
※	Setting CENTER LEVEL
SKIP UP (▶▶I)	-10 (Min) → 0 → +10 (Max)
SKIP DOWN (I◀◀)	-10 (Min) ← 0 ← +10 (Max)
※	Setting SURROUND LEVEL
FF (▶▶)	-10 (Min) → 0 → +10 (Max)
RWD (◀◀)	-10 (Min) ← 0 ← +10 (Max)
CD PGM	DOLBY PRO LOGIC ON
DUBBING	DOLBY 3 STEREO ON
TIMER	STEREO ON

※ • Input selector : Except TUNER
• Surround mode : DOLBY mode (PRO LOGIC, 3ST)

CIRCUIT DESCRIPTION

3. Key matrix

FL driver u-COM (uPD780204-038) : (X14-) IC1

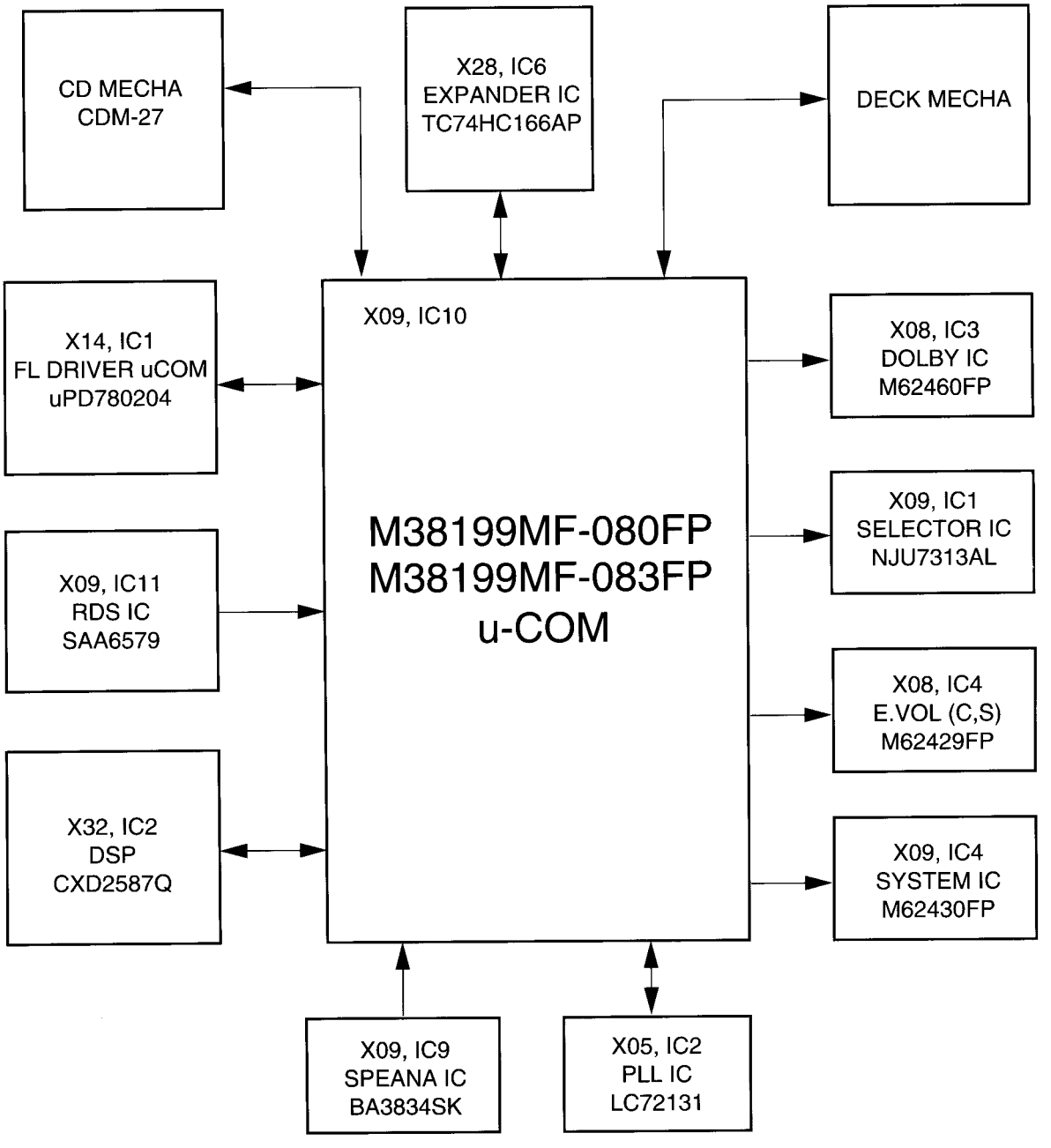
VOLTAGE (V)	AD0 (33pin)	AD1 (32pin)	AD2 (31pin)	AD3 (30pin)	AD4 (29pin)	AD5 (28pin)	AD6 (27pin)
0 ~ 0. 82	POWER	EX. BASS	CD PGM	TUNING UP	CD ⏮	A / B	DOLBY NR
0. 84 ~ 1. 64	–	* 1) SOUND	DUBBING	TUNING DOWN	CD ⏭	TAPE ▶▶	REV MODE
1. 66 ~ 2. 52	–	* 2)	SRS	BAND	CD ■	TAPE ▶	DISC 1
2. 54 ~ 3. 38	–	INPUT	* 3)	AUTO	CD ▶/II	TAPE ■	DISC SKIP
3. 40 ~ 4. 18	–	MODE / DEMO	SET	ENTER	CD ⏏	TAPE ◀	DISC 2
4. 20 ~ 4. 78	–	TIMER	–	–	TAPE ●	TAPE ◀◀	DISC 3

* 1) • EXCEPT : RXD-V616/V818
* 2) • RXD-V616/V818/V919 : KARAOKE • Other : DISPLAY
* 3) • RXD-V616/V818 : SOUND • Other : LISTEN MODE

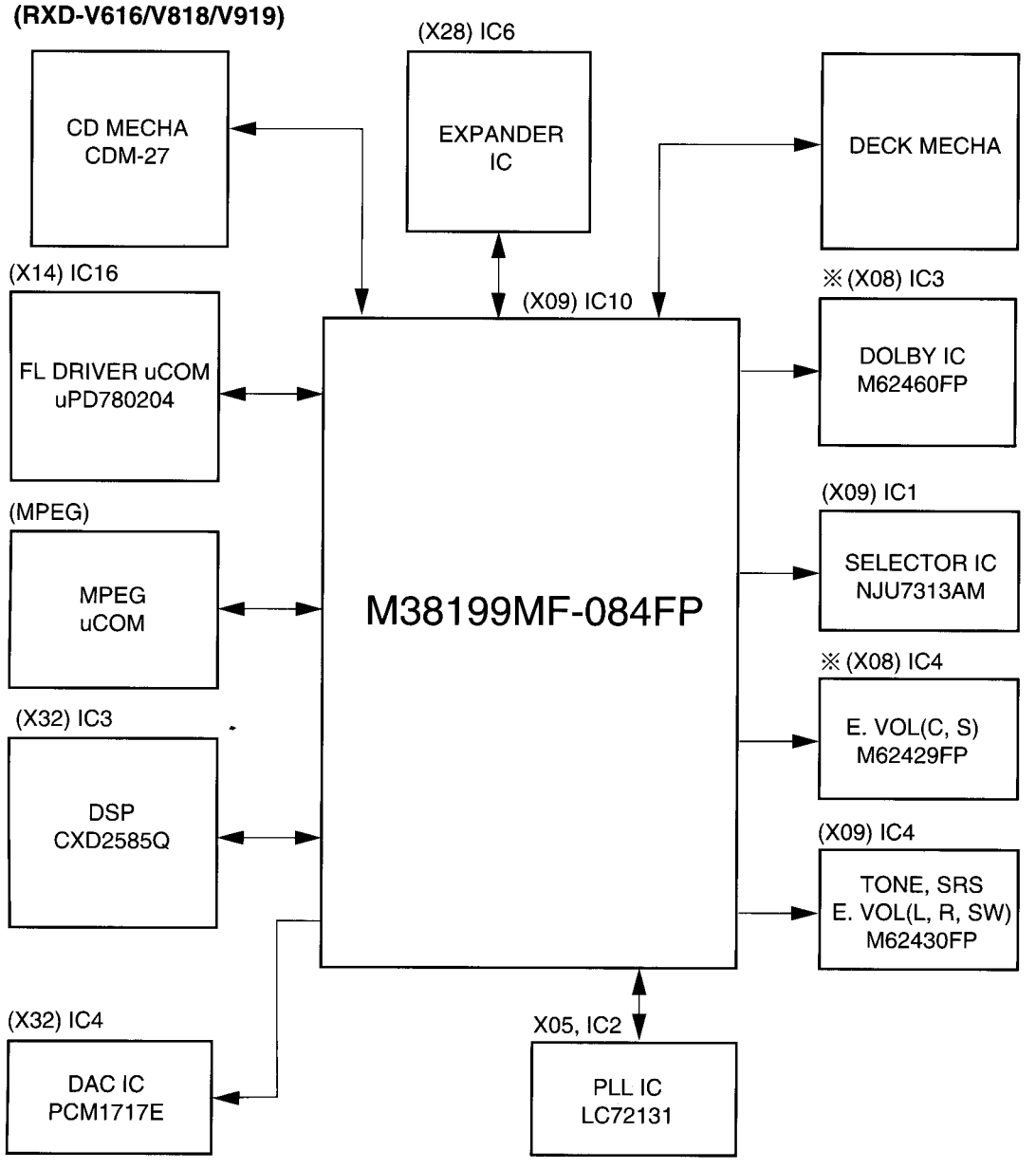
4. Main microprocessor

4-1 Microprocessor periphery block diagram

(RXD-951/A700/A900)



CIRCUIT DESCRIPTION



※EXCEPT RXD-V616/V818

CIRCUIT DESCRIPTION

4-2 Pin description

Microprocessor : M38199MF-084FP (X09, IC10)

Pin No.	Pin name	I/O	Description		
1	PS IN	I	Parallel serial IC input data		
2	PS LOAD	O	Parallel serial IC load	H : SHIFT	L : LOAD
3	A MUTE	O	Audio mute control	H : OFF	L : ON
4	BP IN	I	Speana input (A/D converter input)		
5	JOG CW	I	Jog input B		
6	JOG CCW	I	Jog input A		
7	ENC CW	I	Rotary encoder input B		
8	ENC CCW	I	Rotary encoder input A		
9	H.P.	I	Headphones switch input	H : ON	L : OFF
10	EMPHASIS	I	Video CD emphasis		
11	CD PROT	I	CD protect input	H : PROTECT	L : NORMAL
12	DRV CLK	O	FL driver u-COM control clock		
13	DRV SI	O	FL driver u-COM control data output		
14	DRV SO	I	FL driver u-COM control data input		
15	C BUSY	O	Video CD u-COM busy output (MPEG)		
16	VCLOCK	O	Video CD u-COM clock (MPEG)		
17	C DATA	O	Video CD u-COM data output (MPEG)		
18	M DATA	I	Video CD u-COM data input (MPEG)		
19	CD CK	O	CD DSP IC clock (CXD2587Q)		
20	SQCK	O	CD Sub code clock (CXD2587Q)		
21	CDDT	O	CD DSP IC data (CXD2587Q)		
22	SQSO	I	CD Sub code input (CXD2587Q)		
23	CDXL	O	CD latch output (CXD2587Q)		
24	SENS	I	CD sense input (CXD2587Q)		
25	CDSCK	O	Sense data reading clock output (CXD2587Q)		
26	LD ON	O	CD laser output	H : OFF	L : ON
27	DATA	O	SELECTOR/SYSTEM/DAC/DOLBY IC data output		
28	CLK	O	SELECTOR/SYSTEM/DAC/DOLBY IC clock output		
29	PROT	I	Protection input	H : PROTECTION ON	L : NORMAL
30	SCOR	I	Sub code synchronism signal (CXD2587Q)		
31	E DATA	O	E. vol data output (M62430FP)		
32	E CLK	O	E. vol clock output (M62430FP)		
33	P/N-O	I	Video CD video mode	H : PAL	L : NTSC
34	M BUSY	I	Video CD u-COM busy input (MPEG)		
35	RESET	I	Reset signal input	H : NORMAL	L : RESET
36	X CIN	I	Timer clock input (32.768kHz)		
37	X COUT	O	Timer clock output (32.768kHz)		
38	X IN	I	Main clock input (8.38MHz)		
39	X OUT	O	Main clock output (8.38MHz)		
40	VSS	–	GND		
41	PLL DO	I	PLL data input		
42	STEREO	I	Stereo detector input		
43	SD	I	SD detector input		
44	CE	I	Power failure input	H : AC ON	L : AC OFF
45	PLL CE	O	PLL IC chip enable (LC72131)		
46	TU EMP	O	FM emphasis change-over (M type only) Polar/Pilot change-over (Q type only)	H : 100kHz H : POLAR	L : 50kHz L : PILOT
47	FL RST	O	FL driver reset control output		
48	T MUTE	O	TUNER mute control output		
49	DRV ST	O	FL driver u-COM control strobe output		
50	HP RLY	O	Headphones relay control		
51	SEL ST	O	Selector IC strobe output (NJU7313AL)		
52	ATT	O	E. vol attenuation	H : ON	L : OFF

CIRCUIT DESCRIPTION

Pin No.	Pin name	I/O	Description		
53	SYS ST	O	System IC strobe output (M62430FP)		
54	CS RELAY	O	CS speaker relay control	H : ON	L : OFF
55	SP RELAY	O	Speaker relay control	H : ON	L : OFF
56	DOL ST	O	Dolby IC strobe output		
57	MON	O	PMON control	H : ON	L : OFF
58	P/$\overline{N}$-I	O	NTSC/PAL changeover	H : PAL	L : NTSC
59	$\overline{CDRST}$	O	CD DSP IC (CXD2585Q) reset control	H : NORMAL	L : RESET
60	M/$\overline{A}$	O	TV changeover control	H : MANUAL	L : AUTO
61	ML	O	DAC IC (PCM1717E) strobe output		
62	P RLY	O	Power relay control	H : ON	L : OFF
63	LMR	O	Loading motor control (reverse)		
64	LMF	O	Loading motor control (forward)	H : ON	L : OFF
65	RMF	O	Rotary motor control (forward)	H : ON	L : OFF
66	$\overline{BRKM}$	O	Rotary motor control (brake)	H : NORMAL	L : BRAKE
67	RMR	O	Rotary motor control (reverse)	H : ON	L : OFF
68	DC OFF	O	CD DSP IC power control (CXD2587Q)	H : ON	L : OFF
69	BEAT CANCEL	O	Beat cancel	H : ON	L : OFF
70	$\overline{A/B}$	O	A/B Playback change-over	H : B	L : A
71	BIAS	O	Bias change-over	H : ON	L : OFF
72	$\overline{R\ MUTE}$	O	Deck rec mute control	H : OFF	L : ON
73	NR	O	Dolby noise reduction change-over	H : ON	L : OFF
74	D-R/$\overline{P}$	O	Dolby rec/play change-over	H : REC	L : PLAY
75	R/$\overline{P}$	O	Rec/play change-over	H : REC	L : PLAY
76	B CPM	O	B deck motor control	H : ON	L : OFF
77	B SOL	O	B deck solenoid control	H : ON	L : OFF
78	A CPM	O	A deck motor control	H : ON	L : OFF
79	A SOL	O	A deck solenoid control	H : ON	L : OFF
80	SPE3	O	Speana out 3		
81	TU/SPE2	O	TUNER destination (scan)/speana out 2		
82	TYP/SPE1	O	Model discrimination (scan)/speana out1		
83~86	RET4~RET1	I	Model discrimination input 4~1 Discrimination of TUNER destination (DSW3~DSW0)		
87	A-PH	I	A deck photo sensor input		
88	B-PH	I	B deck photo sensor input		
89	UNL SW	I	CD unload switch	H : ON	L : OFF
90	$\overline{LO\ SW}$	I	CD load switch	H : OFF	L : ON
91	VCC	–	u-COM power supply (+5V)		
92	$\overline{ST\ SW}$	I	CD mechanism stop switch	H : OFF	L : ON
93	$\overline{UP\ SW}$	I	CD mechanism up switch	H : OFF	L : ON
94	$\overline{DN\ SW}$	I	CD mechanism down switch	H : OFF	L : ON
95	$\overline{PS\ SW}$	I	CD mechanism position switch	H : OFF	L : ON
96	$\overline{CD\ MUT}$	O	CD analog mute	H : OFF	L : ON
97	$\overline{ZERO}$	I	CD zero mute detection	H : MUTE OFF	L : MUTE ON
98	VEE	–	GND		
99	AVSS	–	A/D GND		
100	VREF	–	A/D reference voltage		

ADJUSTMENT

1. Tuner adjustment

X05-490x

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISCRIMINATOR	(A) 98 MHZ, 70dBf (ANT INPUT) 1 kHz, ±40 kHz DEV	Connect a DC voltmeter between pin 1 and pin2 of CN2.	MONO 98.0 MHz	L31	0V	(a)
	DISTORTION				L32 (EXCEPT K/P)	Minimum distortion.	
2	DISTORTION (STEREO)	(C) 98 MHz, 70dBf (ANT INPUT) 1 kHz, ±40 kHz DEV	(B)	AUTO 98.0 MHz	T1(IFT) (A1)	Minimum distortion.	(a)

X05-4890

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	TUNED LEVEL	(A) 98 MHz, 31.2dBf (ANT INPUT) 1 kHz, ±40 kHz DEV		MONO 98.0 MHz	VR1	Adjust VR1 and stop at the point where ED1 (TUNED) goes ON.	(a)
2	DISTORTION (STEREO)	(A) 98 MHz, 70dBf (ANT INPUT) 1 kHz, ±40 kHz DEV PILOT: ±6 kHz DEV	(B)	AUTO 98.0 MHz	T1(IFT) (A1)	Minimum distortion.	(a)

X05-4710

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER MODE	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISCRIMINATOR	(A) 98MHz 1kHz, ±40kHzdev 70dBf (ANT input)	Connect a DC voltmeter to CN2	MONO 98.0MHz	L5	0V	(a)
2	DISTORTION (STEREO)	(C) 98MHz 1kHz, ±40kHzdev Pilot, ±6kHzdev 70dBf (ANT input)	(B)	AUTO 98.0MHz	T1(IFT) (A1)	Minimum distortion	(a)
3	SENSITIVITY (SW)	(D) 6.5MHz 400Hz30%mod 40dBf (ANT input)	(B)	6.5MHz	L2	Maximum output	(a)

X04-1313 Q TYPE (65MHz~74MHz BAND)

N0.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	VCO	(E) 69 MHz, 70 dBf (ANT INPUT) 1 kHz, 0 kHz DEV SUB, 0 kHz DEV	Connect a frequency counter to VCO monitor (CN2).	AUTO 69 MHz	VR 2	Adjust it the frequency counter reads 31.25 kHz ±100 Hz.	(a)
2	RESONANCE POINT	(E) 69 MHz, 70 dBf (ANT INPUT) 1 kHz, 40 kHz DEV SUB, 10 kHz DEV Select : L or R	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	TC 1	Minimum crosstalk.	(a)
3	SEPARATION	(E) SAME AS ABOVE	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	VR 1	Minimum crosstalk.	(a)

ADJUSTMENT

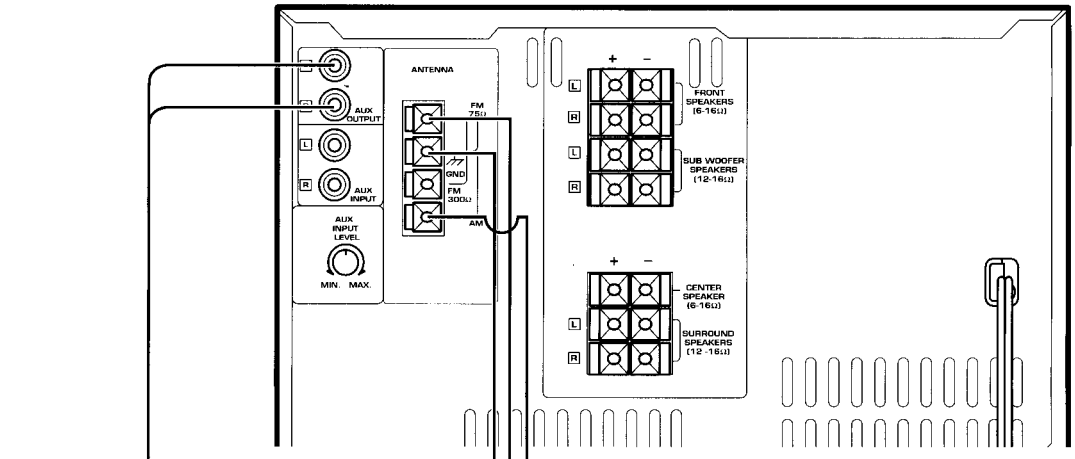
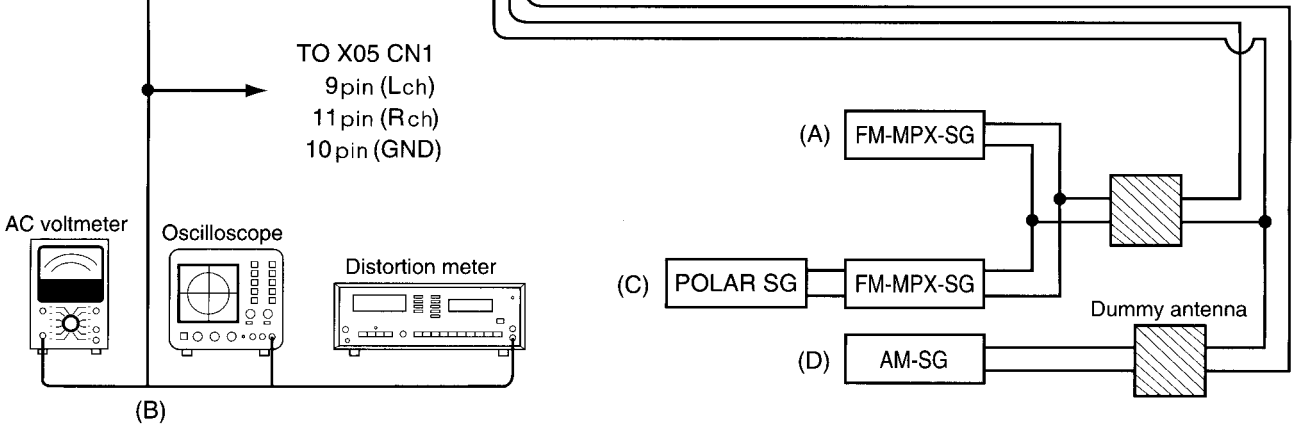


Fig (a)



2. Test mode of CD player

2-1 Main unit

(1) Setting of the test mode
While pressing the [PLAY/PAUSE] key, plug the AC power cord into AC outlet.

(2) Canceling of the test mode
Press the [STOP] key on stop mode or unplug the AC power code from AC wall outlet.

(3) Operation

KEY	DISPLAY	OPERATION
PLAY/PAUSE + AC IN	CD 00	• SETTING OF THE TEST MODE • CANCEL THE CLAMP • TRAY1/3 ROTATION • TRAY OPENS AUTOMATICALLY
STOP ■	CD 00	• TRAY CLOSE • CANCEL THE CLAMP
PLAY/PAUSE ►/II	CD 03 CD 05	• TRAY CLOSE/DISC CLAMP • T-SERVO OFF(03) OR ON(05)
DISC SKIP		• TRAY 1/3ROTATION
DISC 1	07 EF/FB	• MECHANISM STOPS WHEN THE AUTOMATIC ADJUSTMENT IS FINISHED.
	08 TG•FG 09 TE/RF 10 TE/VC	• DISPLAY CHANGES CYCLICALLY • IF NG, DISPLAY BLINKS UP
DISC 2 (RXD-V616 V818 V919)	* AUTO (OSD 2 ON) PAL (OSD OFF) NTSC (OSD 1 ON) (SCROLL DISPLAY)	• VIDEO OUT CHANGEOVER • DISPLAY CHANGES CYCLICALLY

* OSD 2 ON : All display except TNO. of PBC PLAY
OSD 1 ON : Display except DISC NO. and T.NO.
OSD OFF : None display

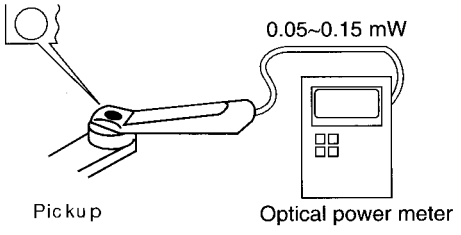
ADJUSTMENT

3. Adjustment of CD player

No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Step 1,2 are in TEST MODE **TEST MODE : While pressing the [PALY/PAUSE] key, plug the AC power cord into the AC outlet.**							
1	LASER POWER	–	Set the senor section of the optical power meter on the pickup lens.	Press the"PLAY"key to check that the display is "03".	–	On the power from.0.05 to 0.15mw. when the diffraction grating is correctly aligned with the RF level of 0.8Vp-p or more	(a)
2	FOCUS ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1 : RF(CN7 pin1) CH2 : FE(CN7 pin6) GND : VC(CN7 pin4)	Press the "PLAY" key. Confirm that the display is"05"	FE BALANCE VR1	Optimum eye pattern	(d)

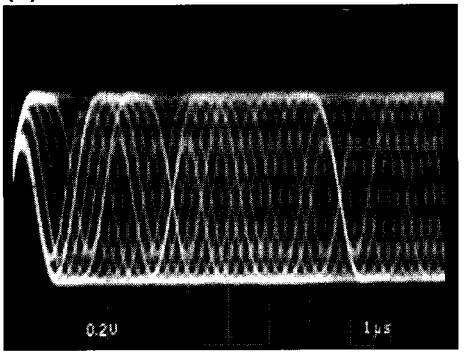
Note:
Type 4disc :SONY YEDS-18 Test Disc or equivalent. (KTD-02)
LPF : Around 47kΩ + 390pF or so.

(a) Laser Power



(d)

RF signal : AC coupled



- RF signal in test mode (PLAY).
- Perform the tangential and focusing offset are focused into one point on the display. The crossing points above and below the center shall also be looked clearly.

4. Test mode of DECK section

(1) Setting
While pressing the PLAY key(DECK), plug the AC power cord into an AC power outlet.

(2) Resetting
- Disconnect the AC power cord from an AC power outlet or press the [ON/STANDBY] key.

(3) Operation in TEST mode

(a) Initial condition

Item	Condition
Power	ON
Selector	TAPE
Main VOL.	-45dB(VOL45)
EX. bass	OFF
FL, LED, LCD	All the FLs are turned on for 10 seconds

(b) 4-sec REC
If the REC key is pushed, the system record for 4sec. Then, it rewinds to the REC starting position and plays back automatically.
If the REC key is pushed during the 4-sec REC operation, the system records further for 4-sec, then returns to the starting position of the first 4-sec REC operation and plays back.

(c) Mechanism SW detection

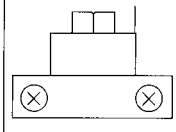
SW	Display
B FWD REC Inhibit SW	CD Calendar (1)
B RVS REC Inhibit SW	CD Calendar (2)
A Pack SW	CD Calendar (3)
B Pack SW	CD Calendar (4)

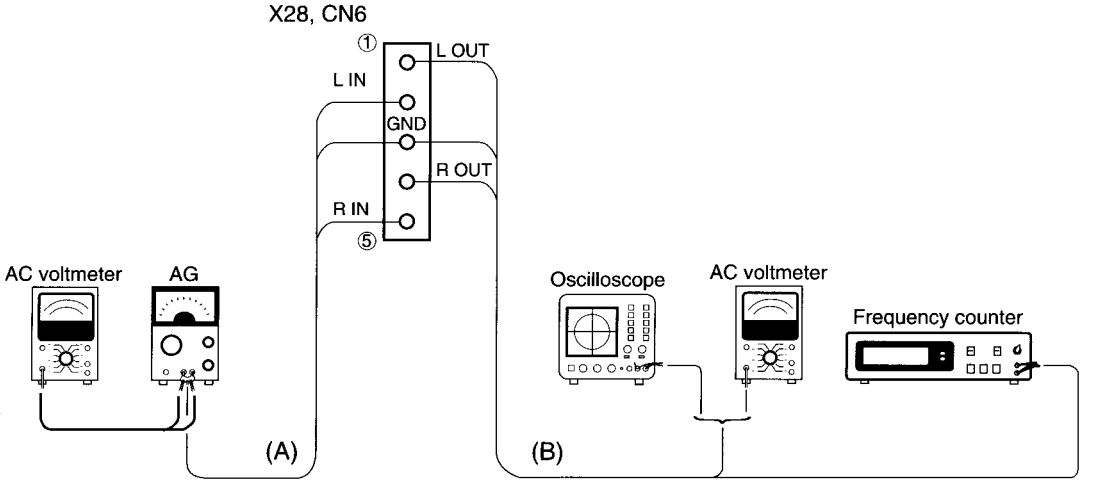
(d) Indication of A/B deck

A/B key	Display
A deck	ECHO
B deck	SLEEP

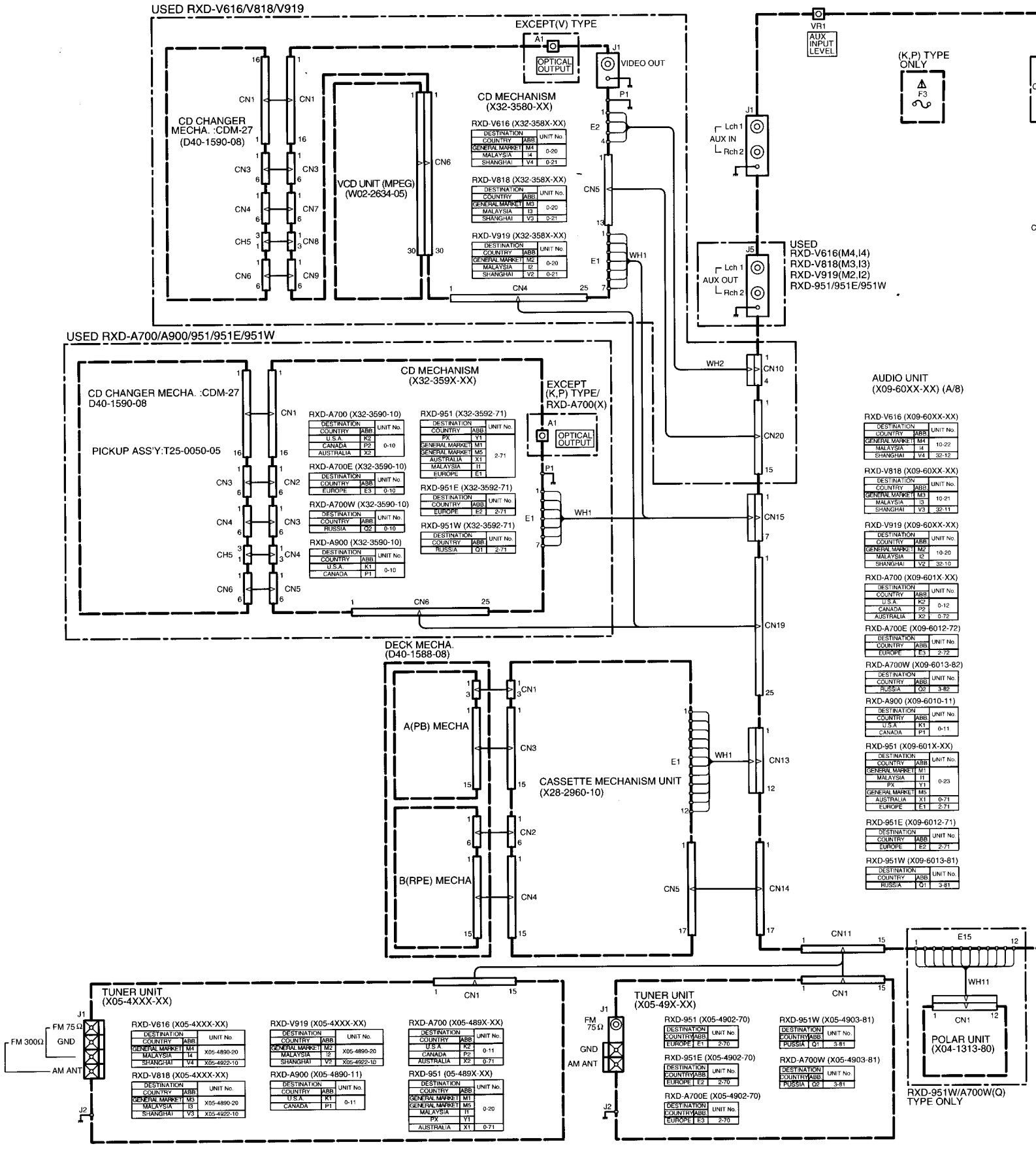
ADJUSTMENT

5. Cassette Deck adjustment

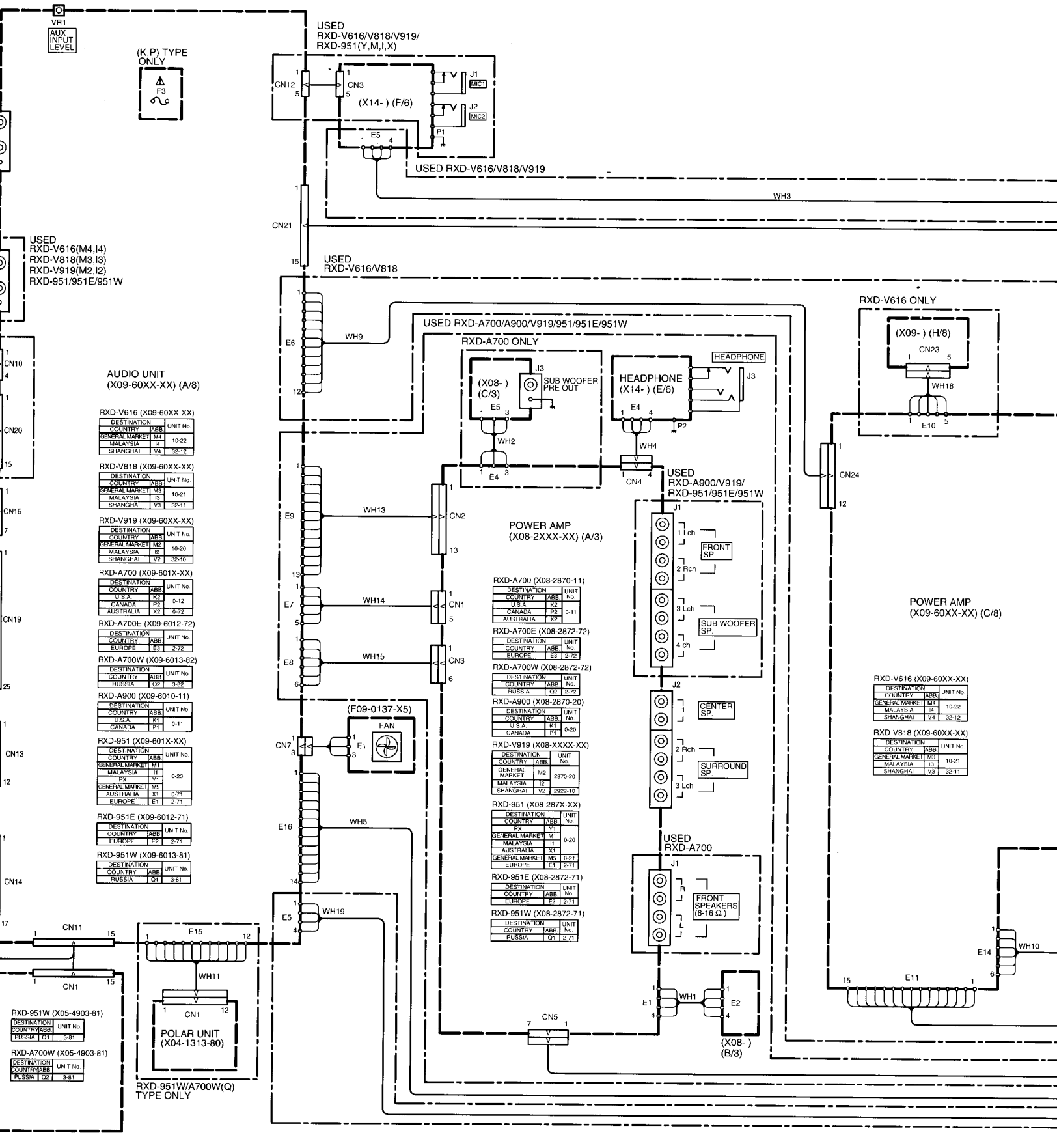
No	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Unless otherwise specified, set the respective switches as follows: 0dBs=0.775V TAPE : NORMAL DOLBY : OFF PLAY OUT : Lch (X28,CN6 ① pin), Rch (X28,CN6 ④ pin) Ⅰ. Cassette mechanism unit (Adjustment of the REC / PLAY head)							
〈1〉	Demagnetization and cleaning	—	—	Power : OFF Demagnetiza-tion,cleaning, PLAY	Recording head, erase head,capstan pinch roller	Demagnetize the REC / PLAY head with the head eraser.Clean the REC / PLAY head, erase head,capstan and pinch roller using a cotton swab slightly damped with alcohol.	
〈2〉	Azimuth of the REC/PLAY head	TCC–153 MTT–114 10kHz, – 10dB	(B)	PLAY	 FWD RVS	Adjust the output to maximum and adjust the azimuth adjust-ment screw for the Lissajours waveform pattern of the oscillo-scope to become close to a 45° straight line.	
Ⅱ. PC BOARD ADJUSTMENT							
〈1〉	TAPE SPEED(NORMAL)	TCC–110 MTT–111 SCC–1727 3kHz	(B)	PLAY	A DECK VR 5 B DECK VR 6	Adjust the tape speed so that 3kHz is obtained at the center of the tape.	
Ⅲ. PC BOARD ADJUSTMENT							
〈1〉	PLAYBACK LEVEL	MTT– 150 400Hz	(B)	PLAY	A DECK VR 7 (L) VR 8 (R) B DECK VR 1 (L) VR 2 (R)	Adjust the playback output to -2.5dBs	
〈2〉	BIAS CURRENT	(A) Adjust the AG for the output of the DECK to become 400Hz (-20dB)/12.5kHz (-20dB)	(B)	REC ↕ PLAY	VR 3 (L) VR 4 (R)	Record 400Hz and 12.5kHz alternately, and adjust the bias current adjustment potentiometer for the playback levels to become the same.	



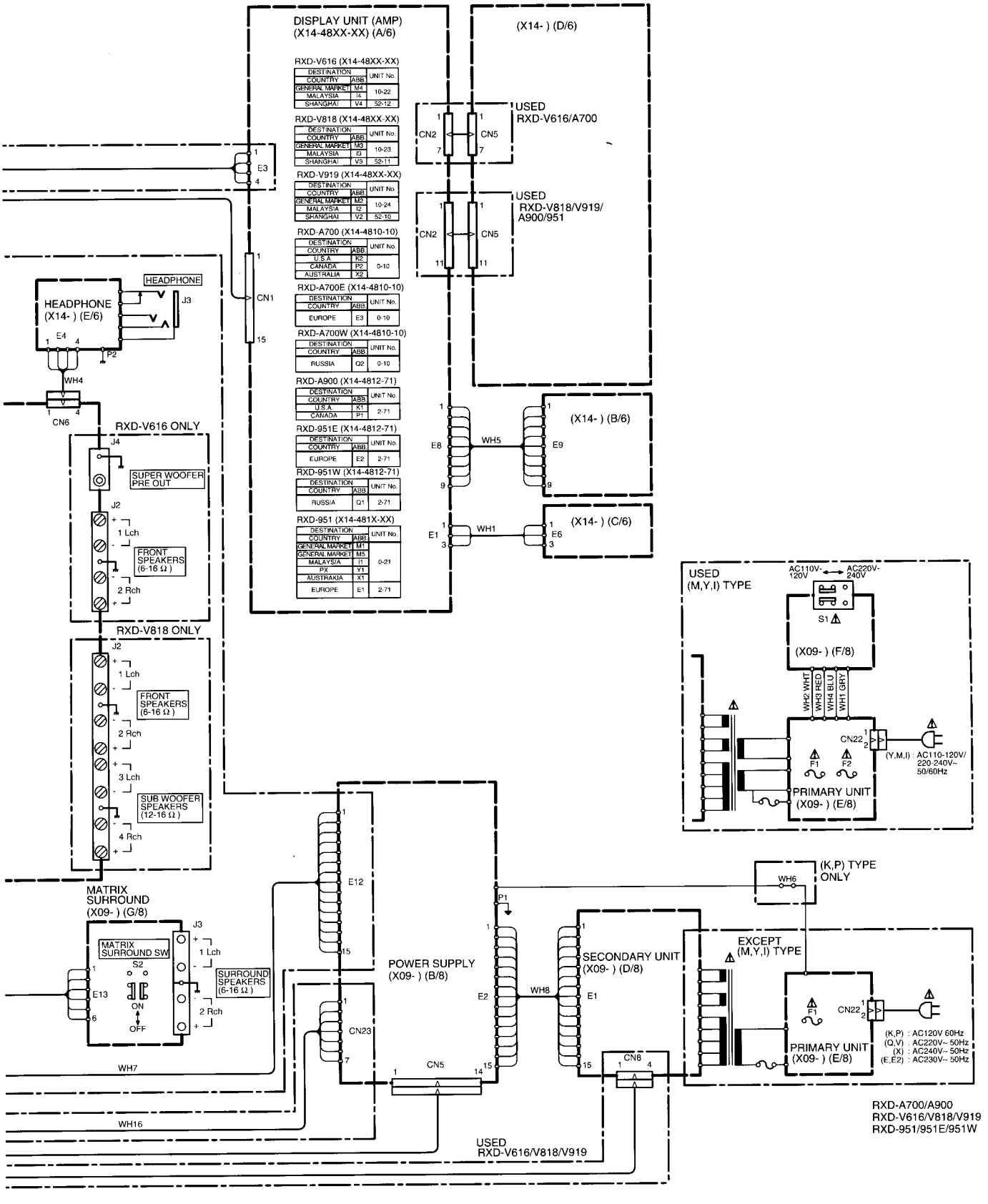
WIRING DIAGRAM



WIRING DIAGRAM

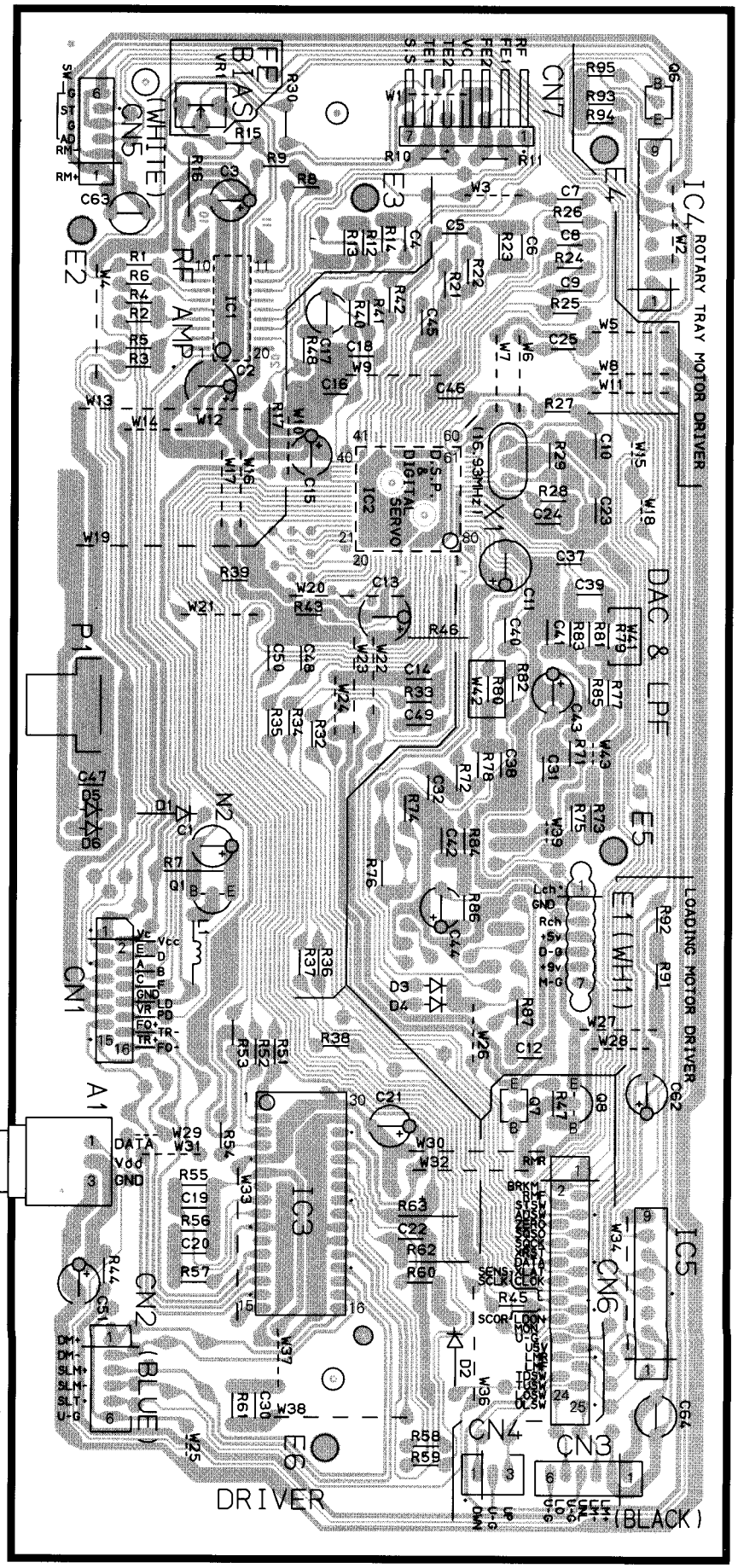


WIRING DIAGRAM



PC BOARD (Component side view)

CD MECHANISM UNIT X32-359X-XX

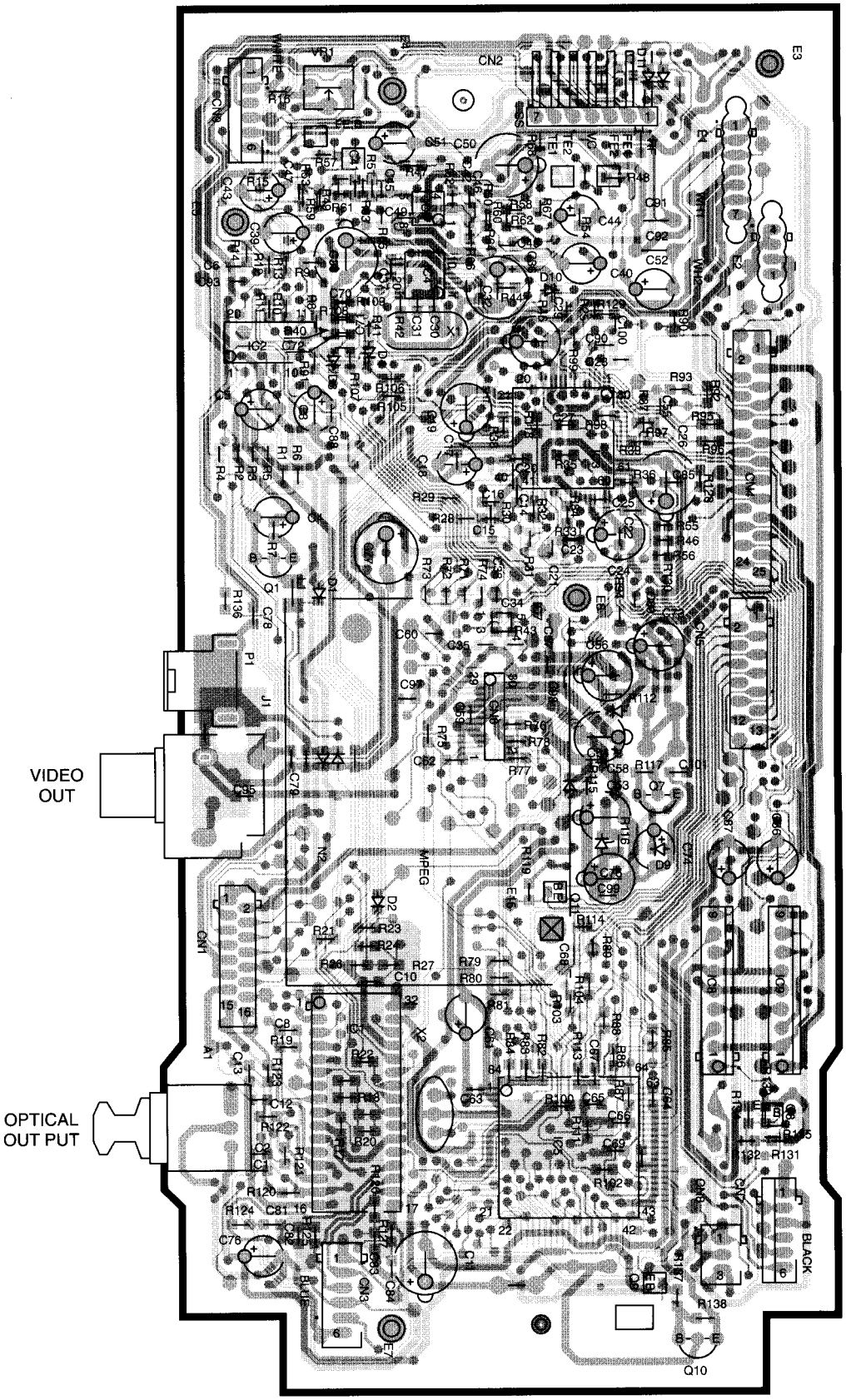


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD (Component side view)

CD MECHANISM UNIT

X32-358X-XX

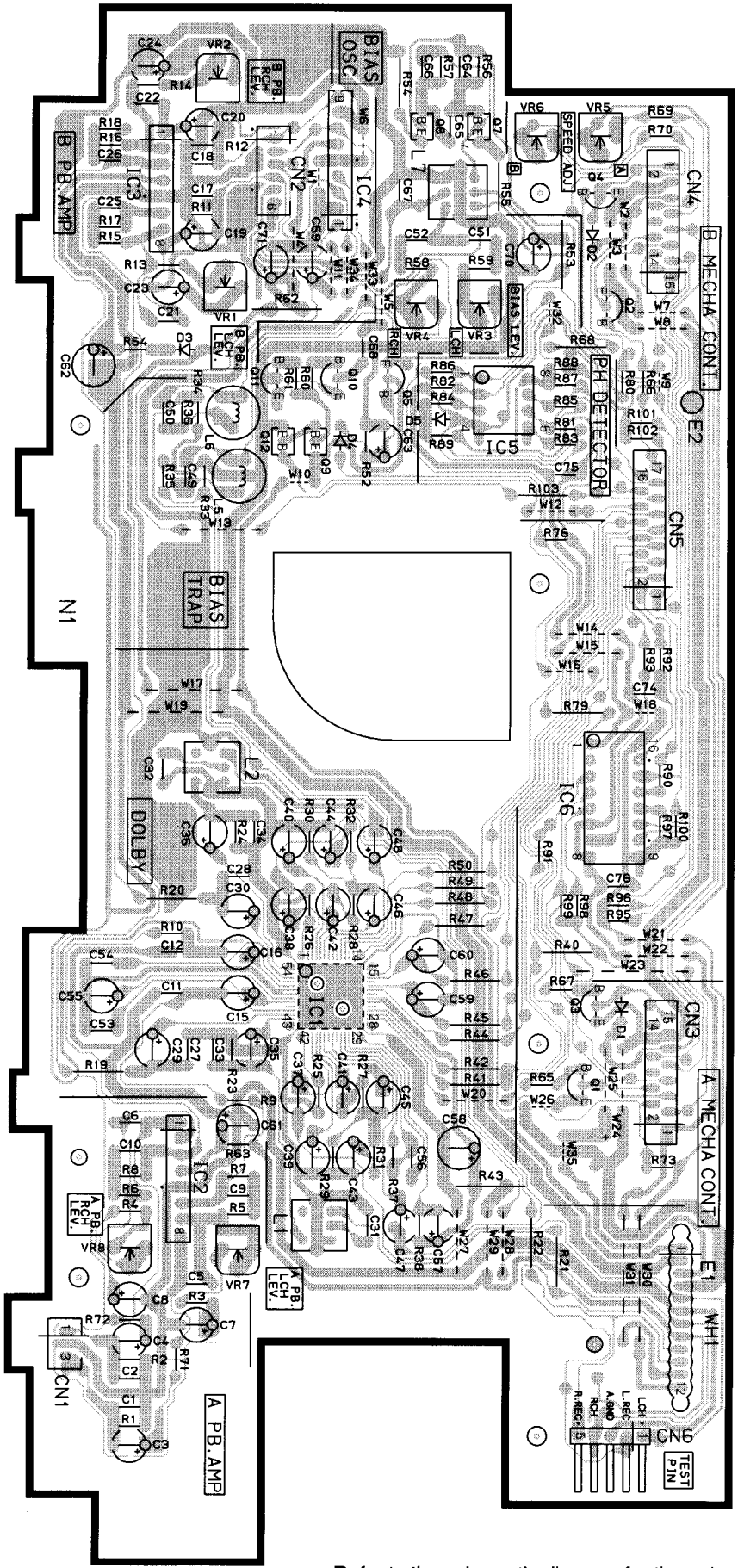


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD (Component side view)

CASSETTE MECHANISM UNIT

X28-2960-10

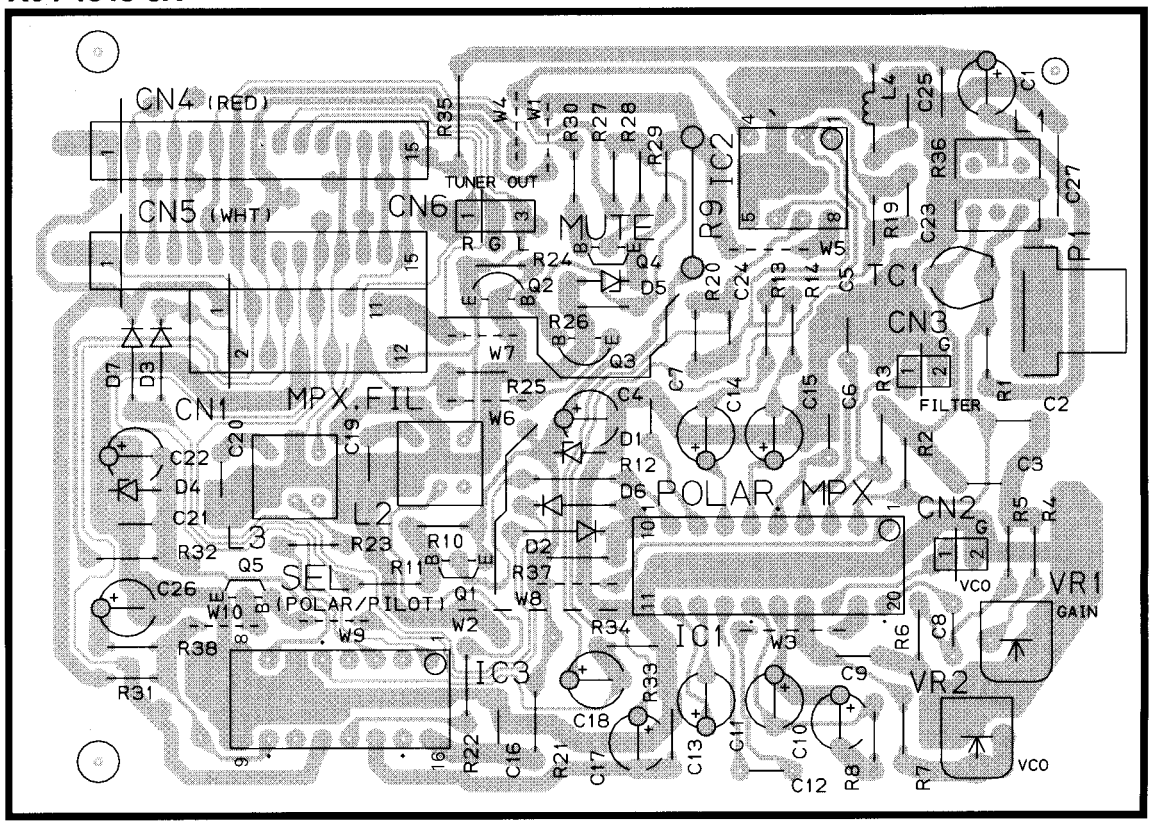


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD (Component side view)

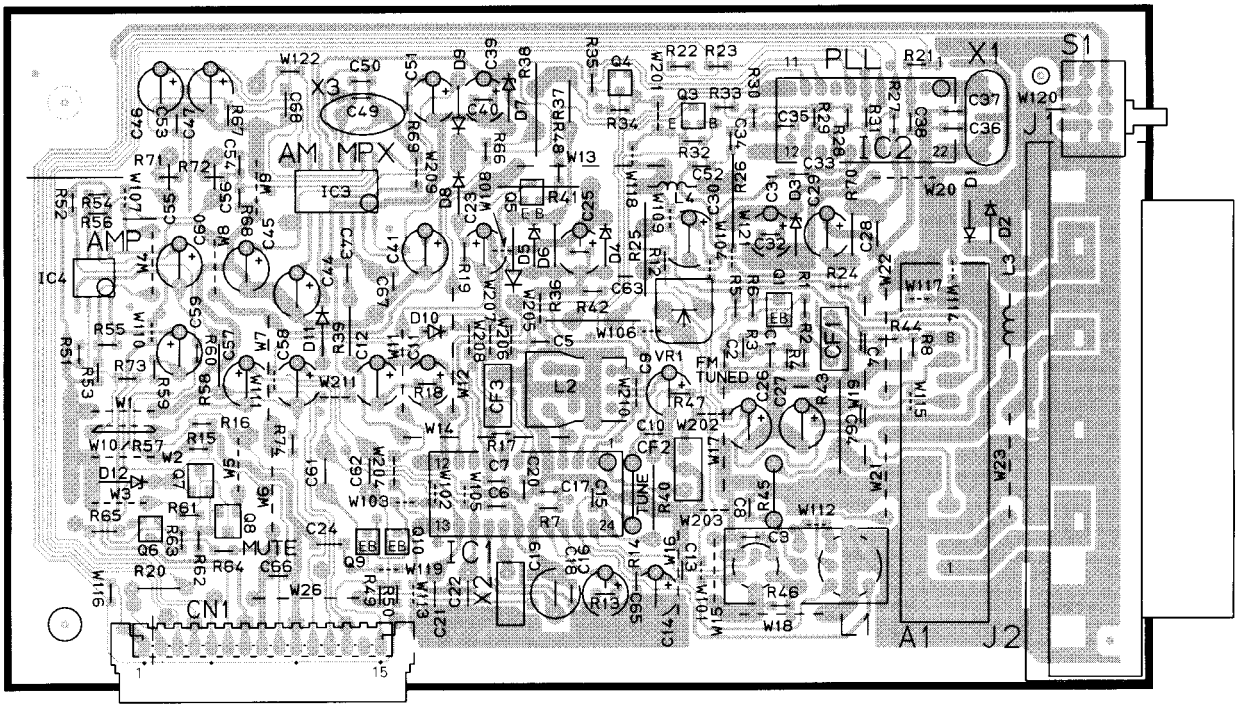
MPX UNIT

X04-1313-8X



TUNER UNIT

X05-4890-XX

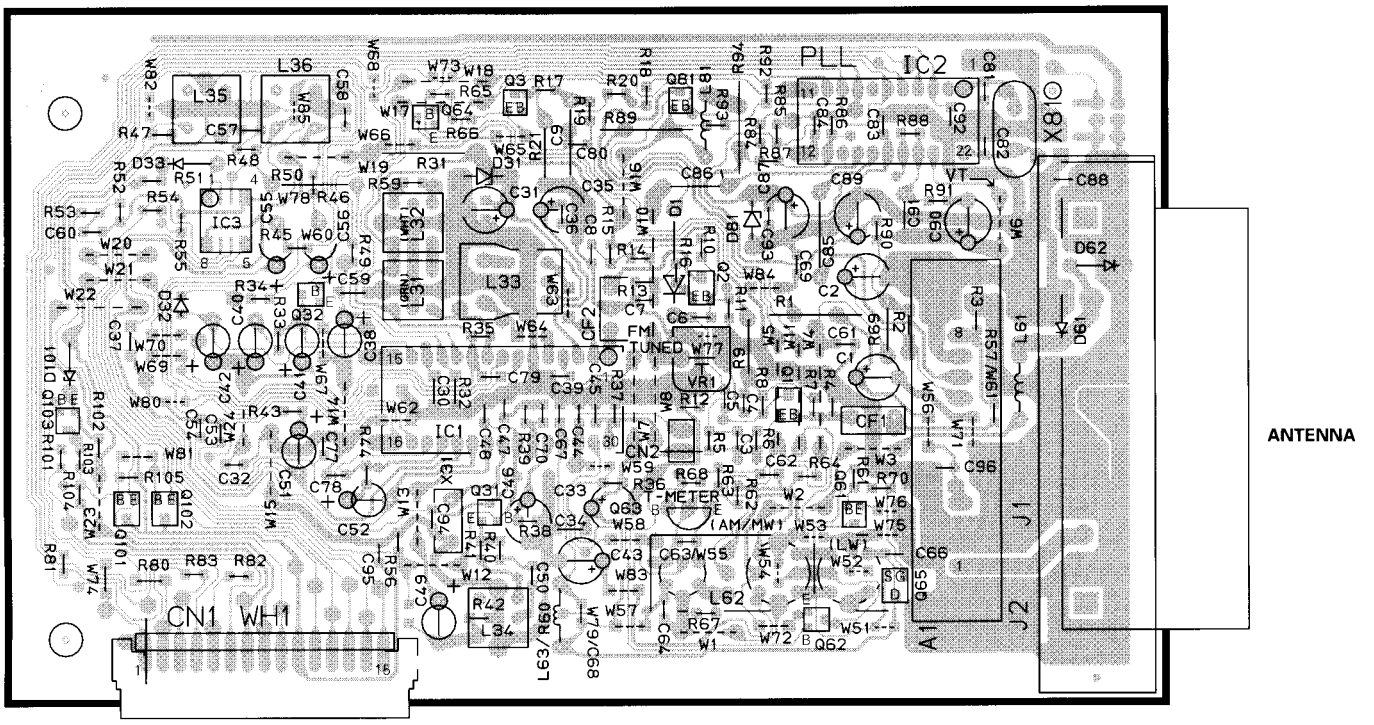


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD (Component side view)

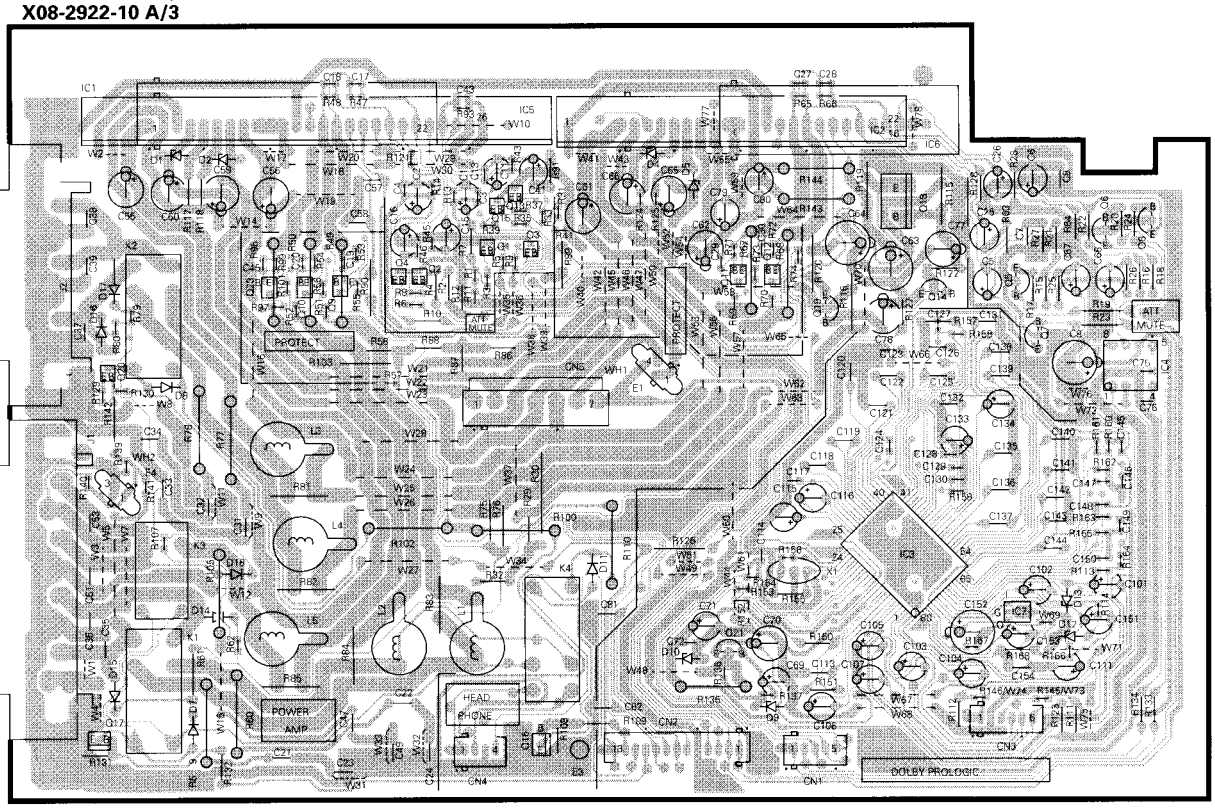
TUNER UNIT

X05-490X-XX

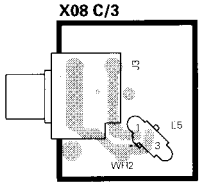


SURROUND UNIT

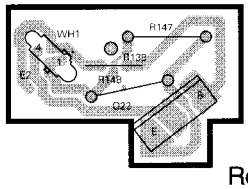
X08-287X-XX A/3
X08-2922-10 A/3



X08 C/3



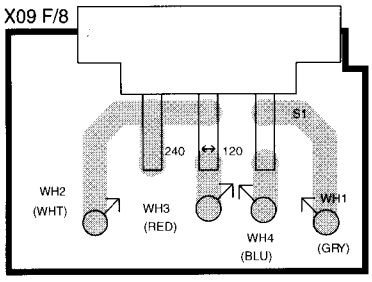
X08 B/3



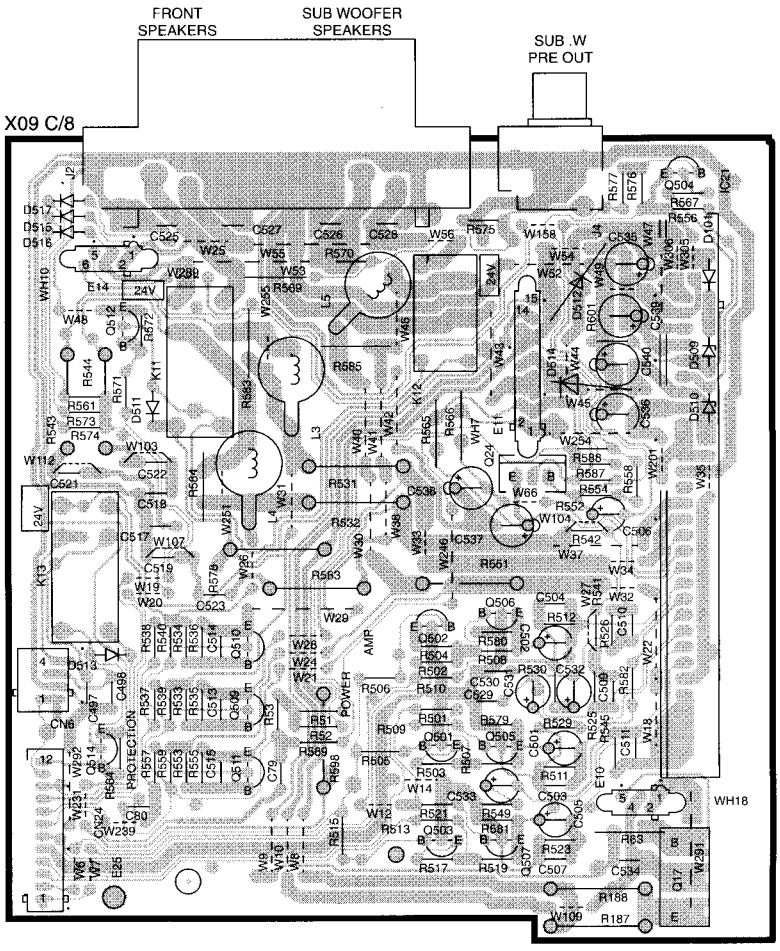
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view)

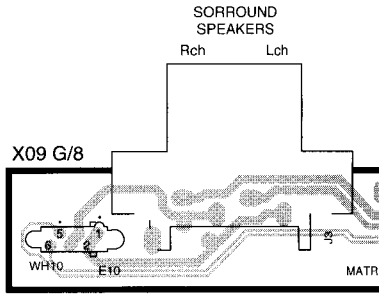
X09 F/8

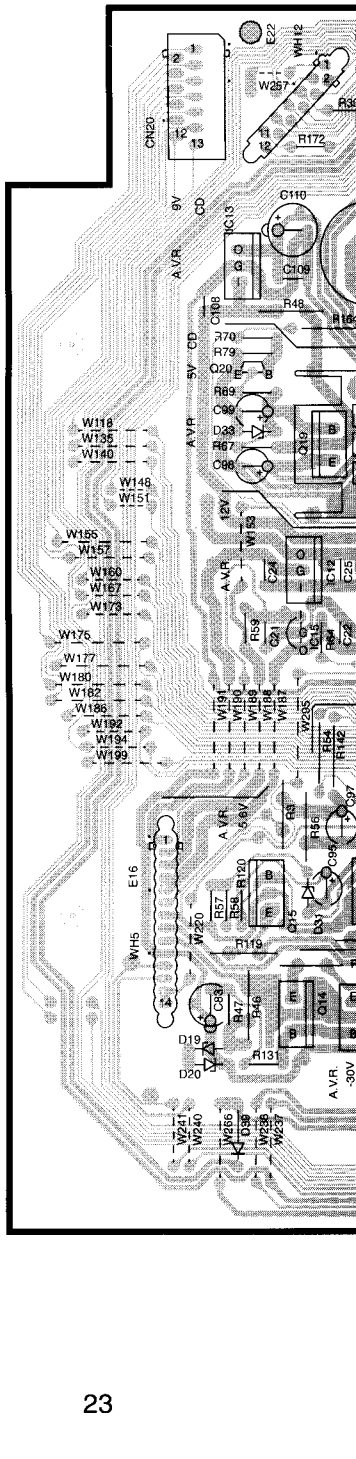


X09 C/8

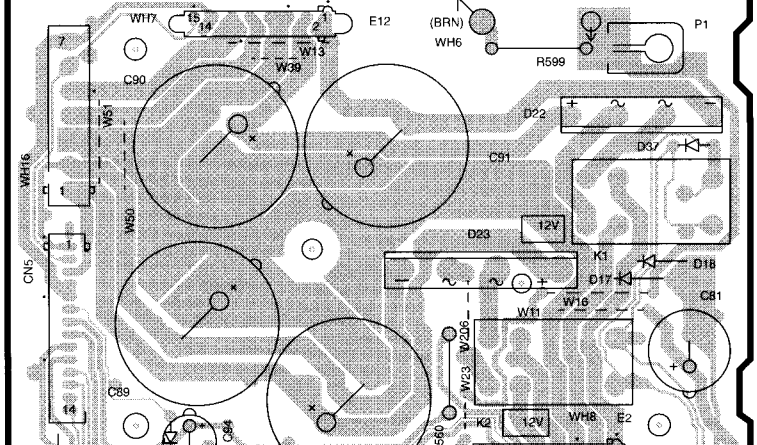


X09 G/8

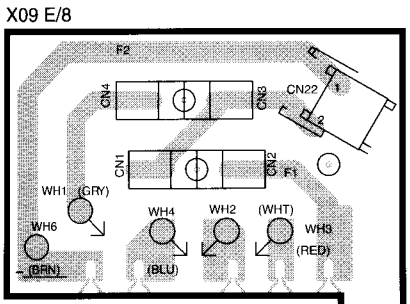




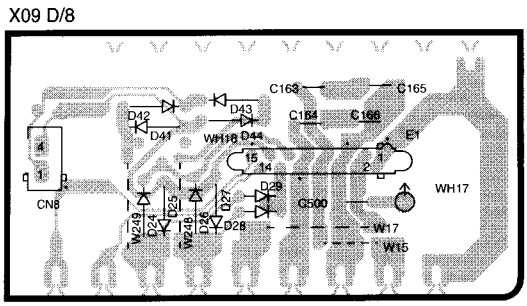
X09 B/8



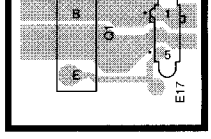
X09 E/8



X09 D/8



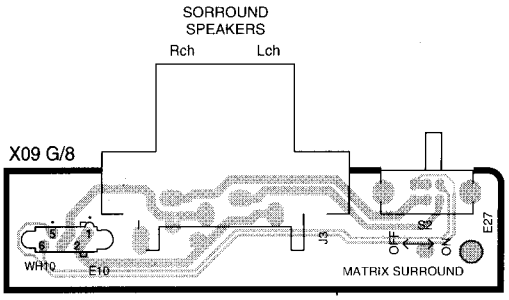
X09 H/8

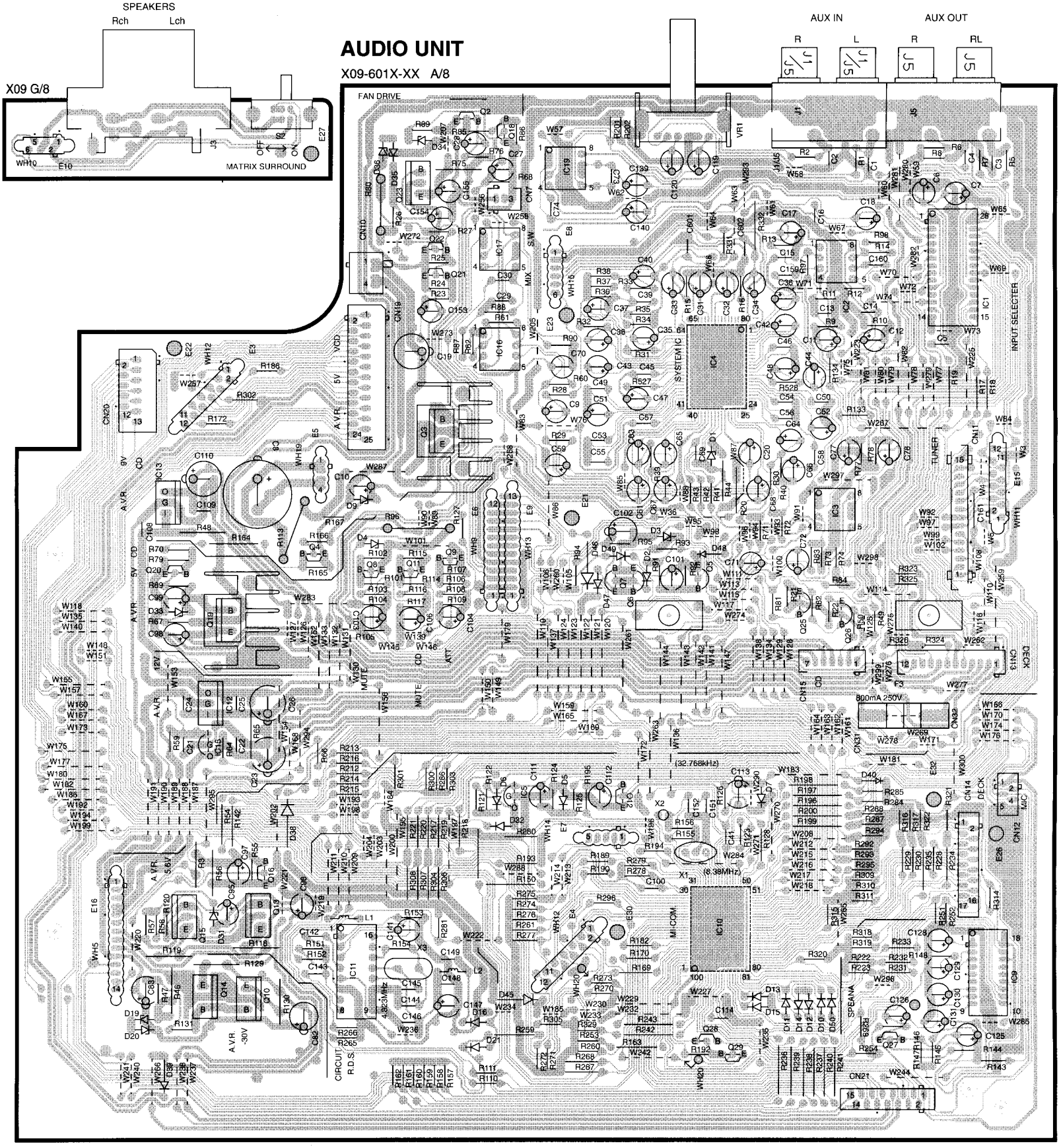


Refer to the schematic diagram for the value of resistors and capacitors.

AUDIO UNIT

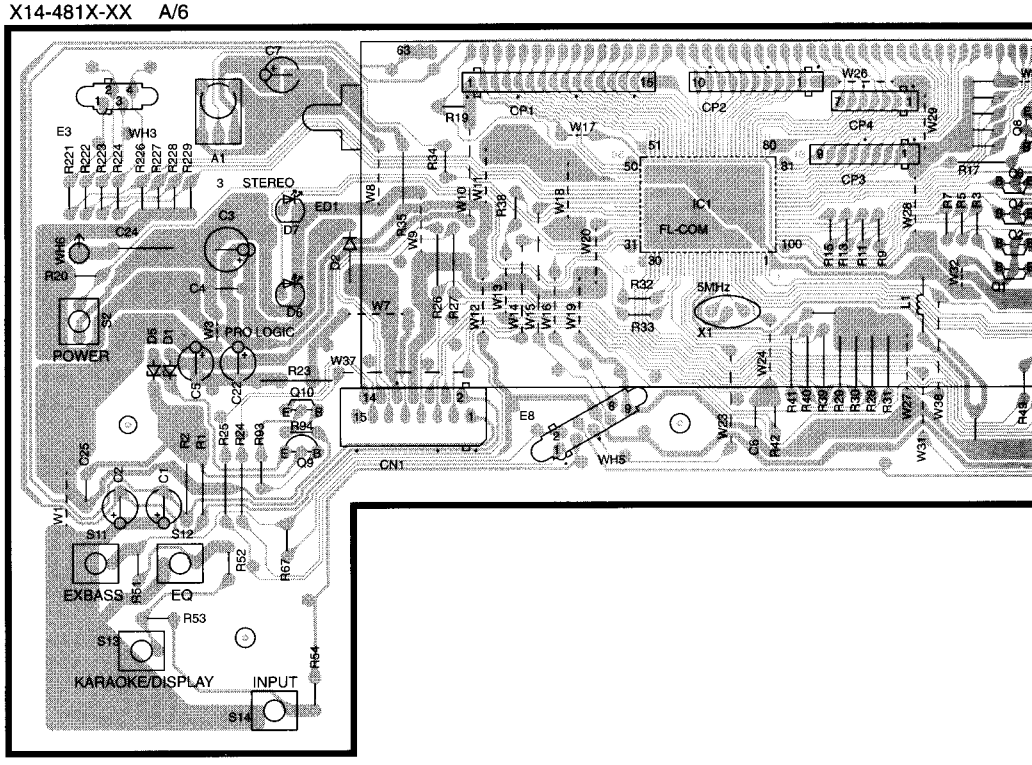
X09-601X-XX A/8



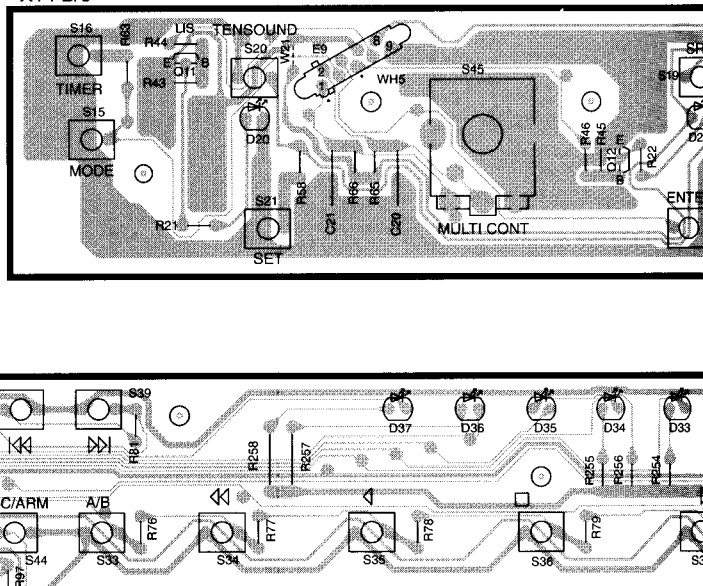


RD(Component side view) DISPLAY UNIT

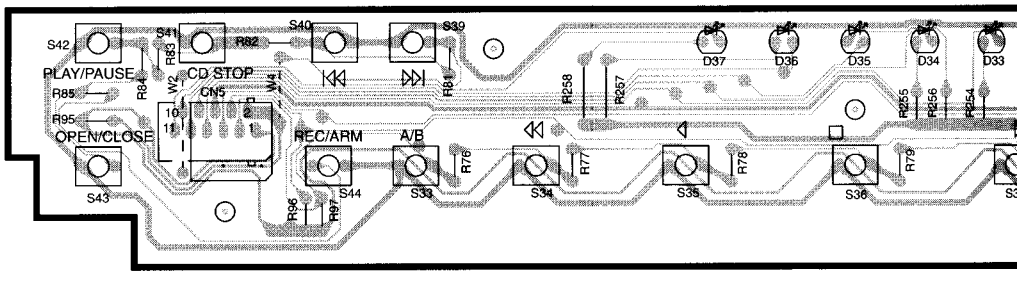
X14-481X-XX A/6



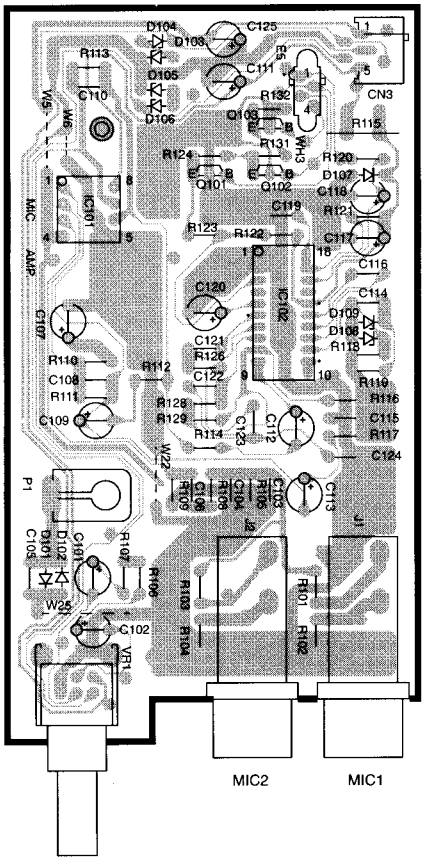
X14 B/6

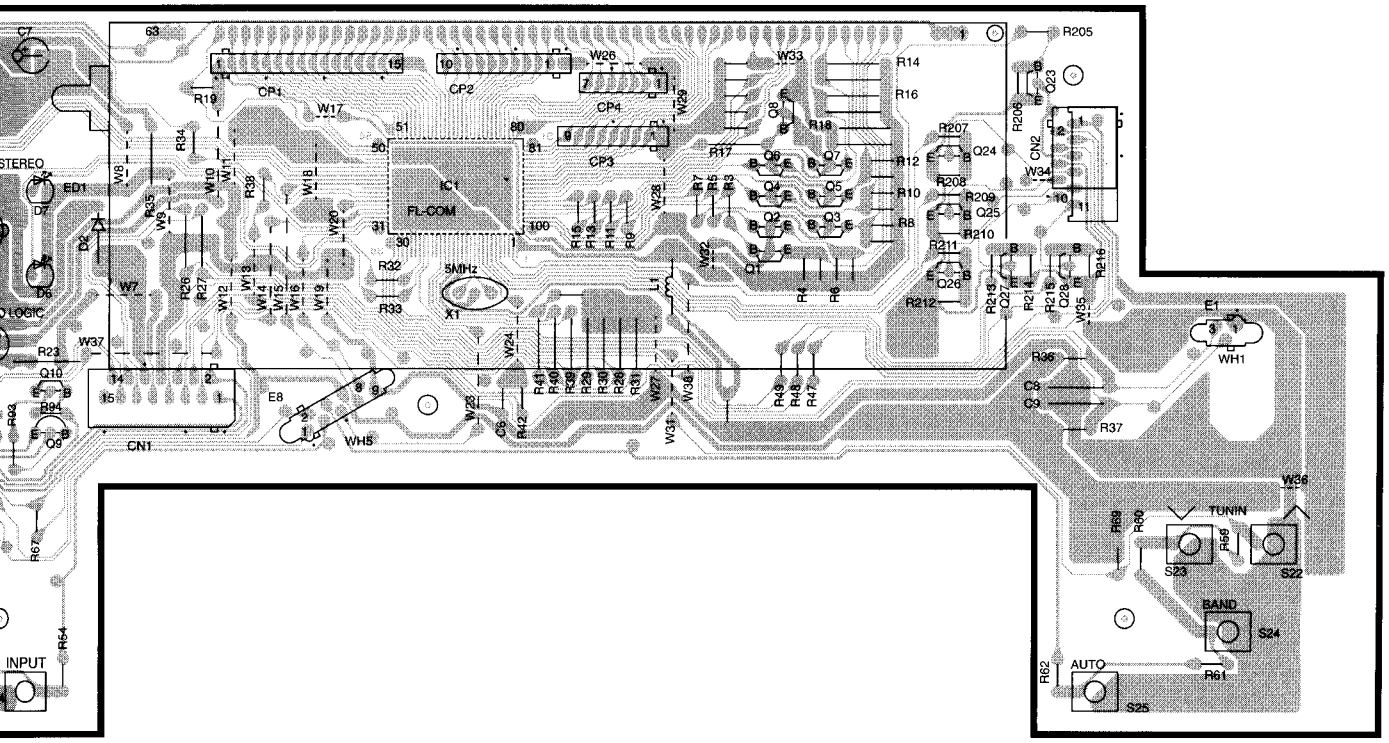


X14 D/6

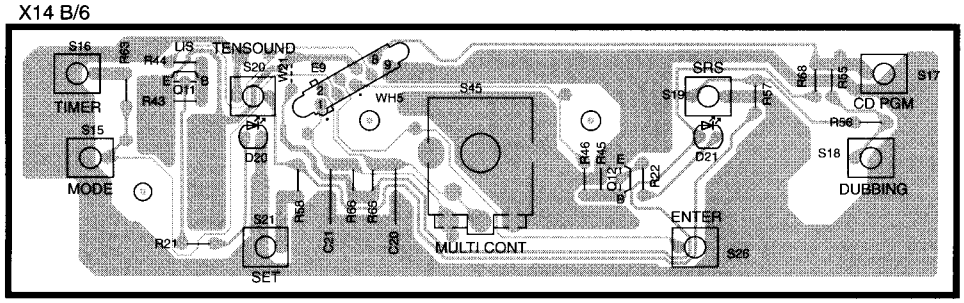


X14 F/6

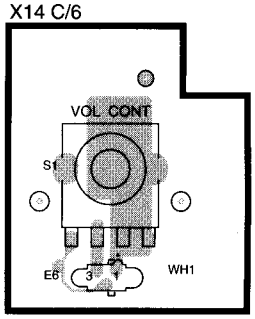


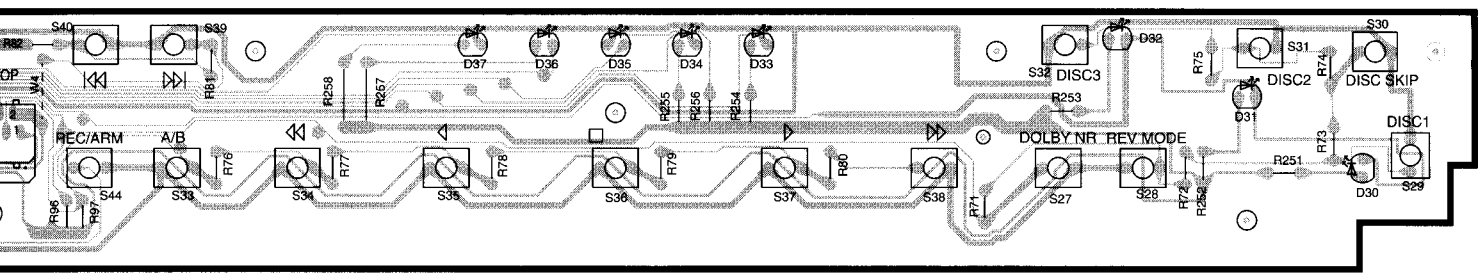


X14 B/6



X14 C/6





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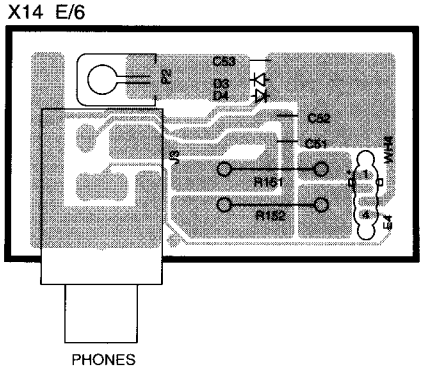
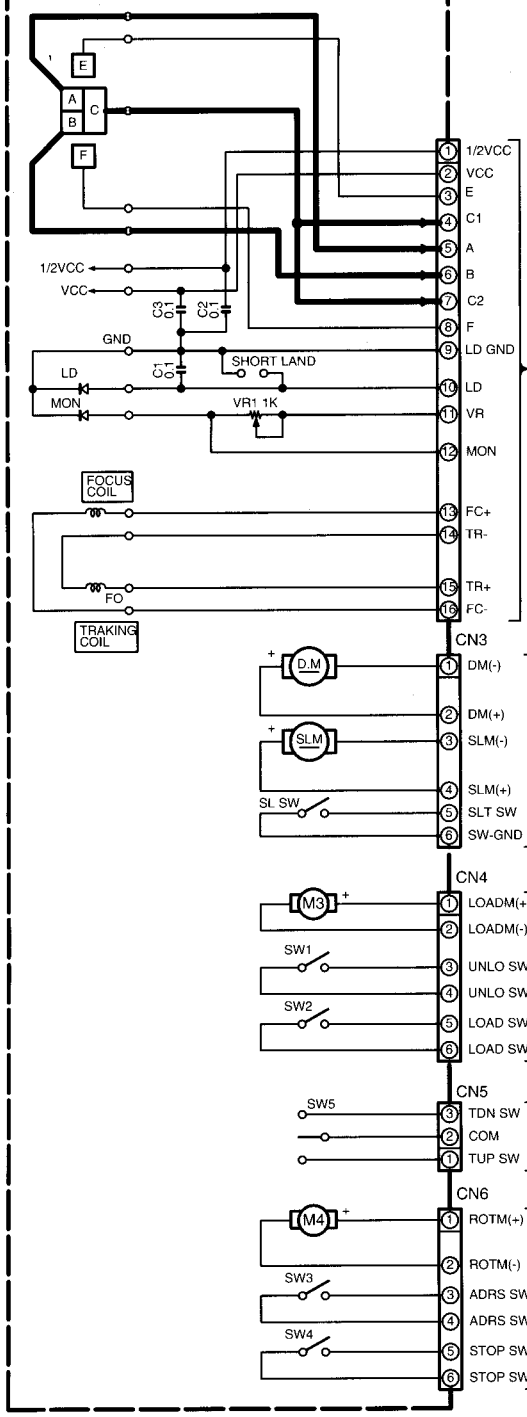


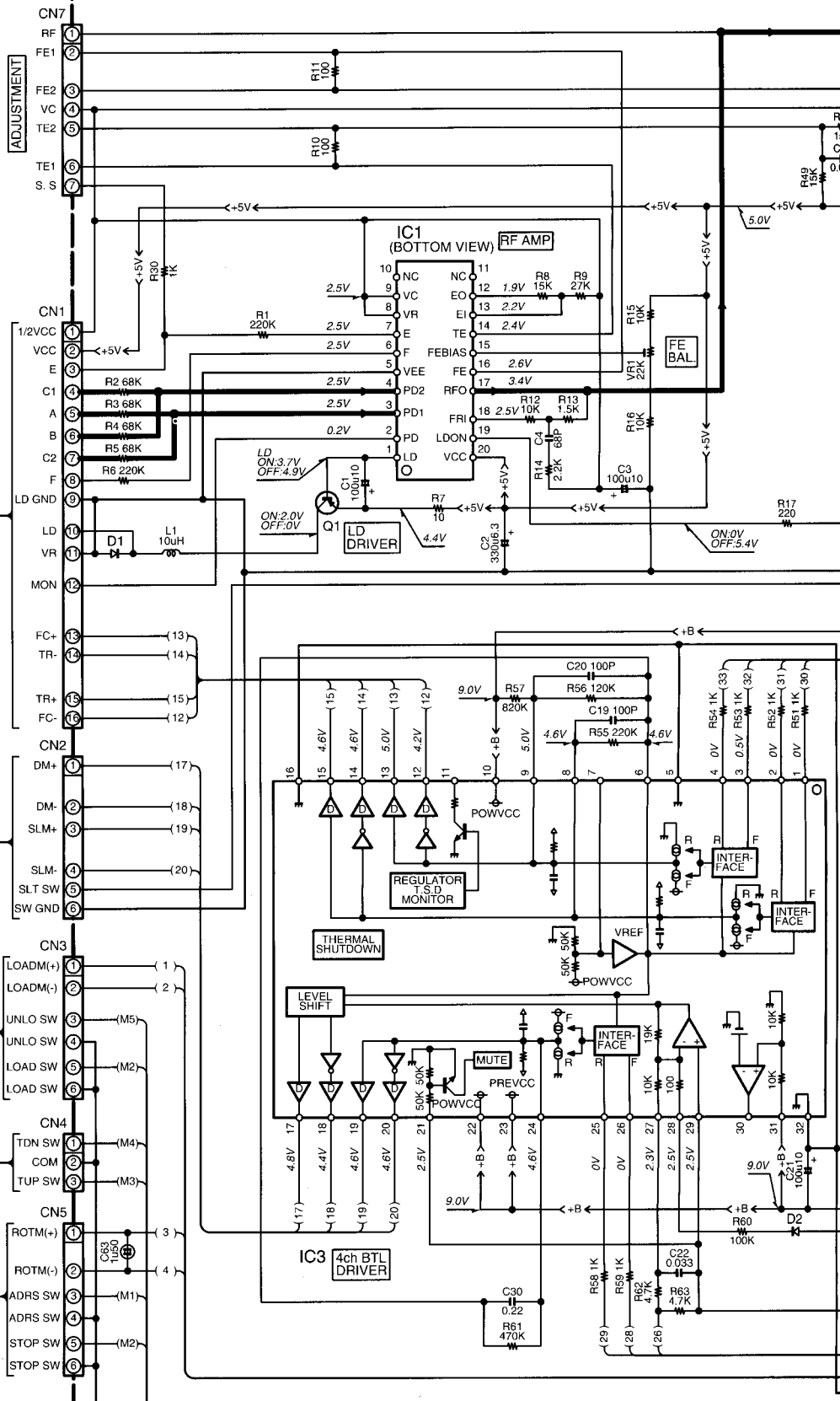
Refer to the schematic diagram for the value of resistors and

CD MECHANISM
(X32-359X-XX) 0-10: (K,P) TYPE 2-71: EXCEPT (K,P) TYPE

CD CHANGER MECHA. :CDM-27
D40-1590-08

PICKUP ASS'Y:T25-0050-05





CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

IC1	: CXA1571M	Q1	: 2SA954(L,K)
IC2	: CXD2587Q	Q6,7	: DTC124ESA or UN4212
IC3	: BA5979S	Q8	: 2SB764(E,F)
IC4,5	: TA8409S		
		D1-6	: 1SS133 or HSS104A

RXD-A700 (X32-3590-10)

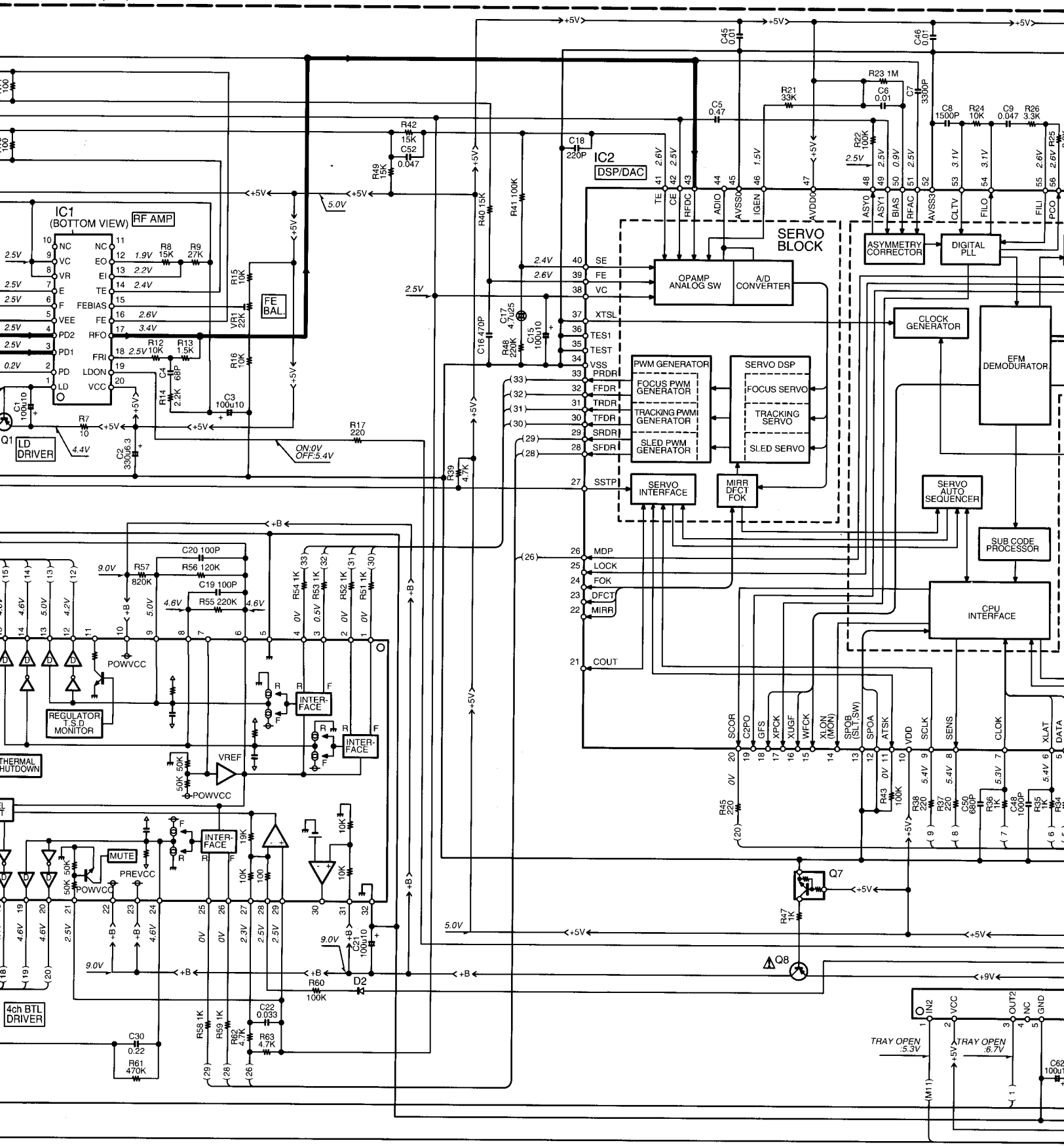
DESTINATION		UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
COUNTRY	ABB.					
U.S.A.	K2	0-10	NO	390	NO	YES
CANADA	P2					
AUSTRALIA	X2					

RXD-A900 (X32-3590-10)

DESTINATION		UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
COUNTRY	ABB.					
U.S.A.	K1	0-10	NO	390	NO	YES
CANADA	P1					

D E F G H I

E 2-71: EXCEPT (K,P) TYPE



: 2SA954(L,K)
: DTC124ESA or UN4212
: 2SB764(E,F)

: 1SS133 or HSS104A

RXD-A700 (X32-3590-10)

DESTINATION		UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
COUNTRY	ABB.					
U.S.A.	K2	0-10	NO	390	NO	YES
CANADA	P2					
AUSTRALIA	X2					

RXD-A900 (X32-3590-10)

DESTINATION		UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
COUNTRY	ABB.					
U.S.A.	K1	0-10	NO	390	NO	YES
CANADA	P1					

RXD-A700E (X32-3590-10)

DESTINATION		UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
COUNTRY	ABB.					
EUROPE	E3	0-10	NO	390	NO	YES

RXD-A700W (X32-3590-10)

DESTINATION		UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
COUNTRY	ABB.					
RUSSIA	Q2	0-10	NO	390	NO	YES

RXD-951 (X32-3592-71)

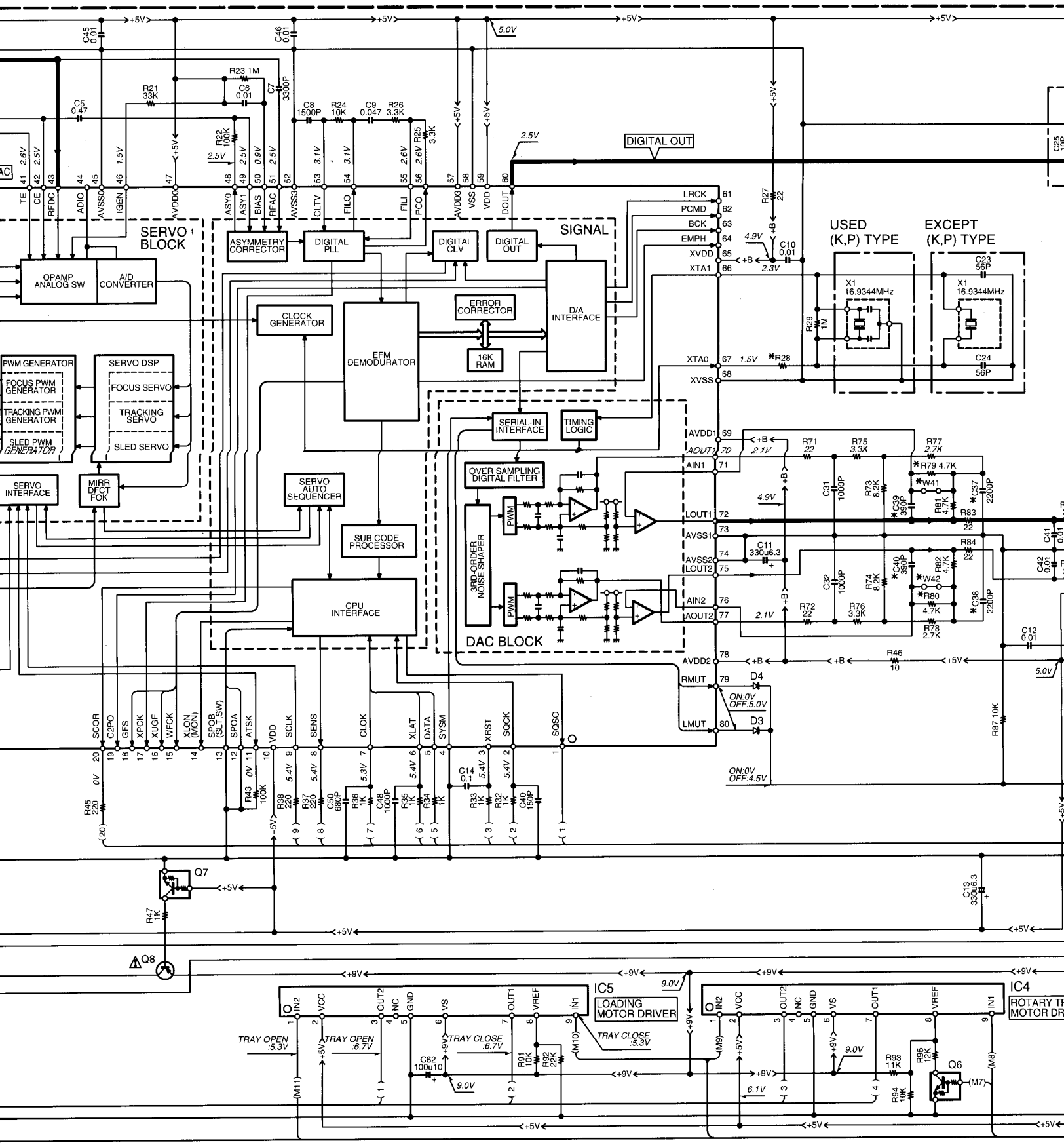
DESTINATION		UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
COUNTRY	ABB.					
PX	Y1	2-71	YES	680	YES	NO
GENERAL MARKET	M1					
GENERAL MARKET	M5					
AUSTRALIA	X1					
MALAYSIA	I1					
EUROPE	E1					

RXD-951E (X32-3592-7

DESTINATION		UNIT
COUNTRY	ABB.	
EUROPE	E2	2-7

RXD-951W (X32-3592-7

DESTINATION		UNIT
COUNTRY	ABB.	
RUSSIA	Q1	2-7



RXD-951 (X32-3592-71)

DESTINATION	ABB.	UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
PX	Y1	2-71	YES	680	YES	NO
GENERAL MARKET	M1					
GENERAL MARKET	M5					
AUSTRALIA	X1					
MALAYSIA	I1					
EUROPE	E1					

RXD-951E (X32-3592-71)

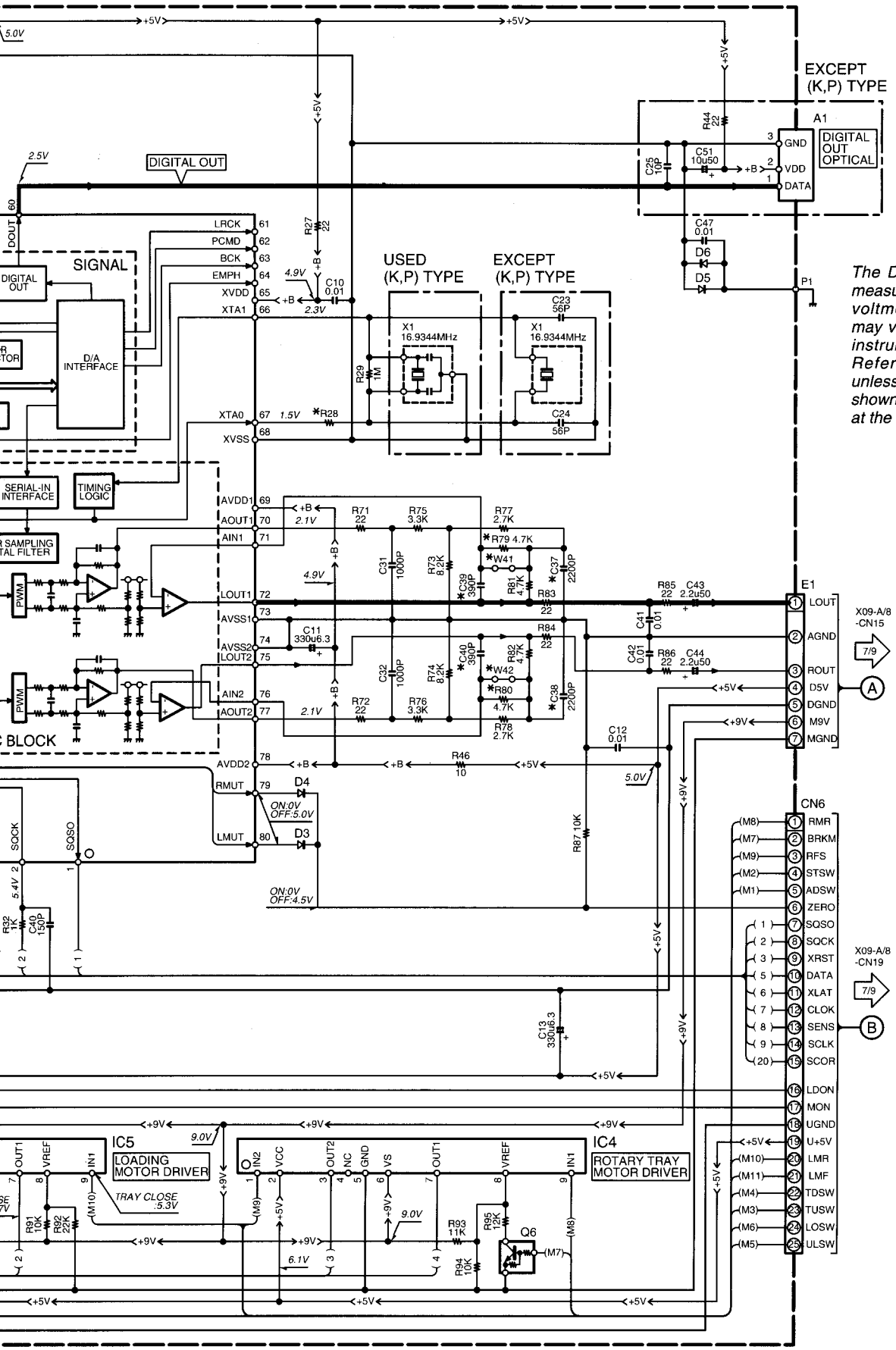
DESTINATION	ABB.	UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
EUROPE	E2	2-71	YES	680	YES	NO

RXD-951W (X32-3592-71)

DESTINATION	ABB.	UNIT No.	C23,24, 37-40	R28	R79, 80	W41, 42
RUSSIA	Q1	2-71	YES	680	YES	NO

RXD-A700/A900(K) (1/9)
RXD-V616/V818/V919(E) (1/9)
RXD-951/951E/951W(E) (1/9)

Y39-2950-10



The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage dur ing PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

	R79, 80	W41, 42
	YES	NO

	R79, 80	W41, 42
	YES	NO

RXD-A700/A900(K) (1/9)
RXD-V616/V818/V919(E) (1/9)
RXD-951/951E/951W(E) (1/9)

Y39-2950-10

RXD-951/A700/A900/V616/V818/V919

KENWOOD

IC1 : BA5979S
IC2 : CXA1571M
IC3 : CXD2585Q
IC4 : PCM1717E
IC5 : MN1873223AHA
IC6 : NJM2100M
IC7 : TC7SU04F
IC8,9 : TA8409S

Q1 : 2SA954(L,K)
Q7 : 2SC3940A(R,S)
Q8,9,11 : DTC124EUA or UN5212
Q10 : 2SB764(E,F)

D1-4,10,11 : MA111
D9 : UDZ3.9B

RXD-V616 (X32-358X-XX)

DESTINATION		UNIT No.	C76, 85	R130	A1
COUNTRY	ABB				
GENERAL MARKET	M4	0-20	YES	YES	YES
MALAYSIA	I4				
SHANGHAI	V4	0-21	NO	NO	NO

RXD-V818 (X32-358X-XX)

DESTINATION		UNIT No.	C76, 85	R130	A1
COUNTRY	ABB				
GENERAL MARKET	M3	0-20	YES	YES	YES
MALAYSIA	I3				
SHANGHAI	V3	0-21	NO	NO	NO

RXD-V919 (X32-358X-XX)

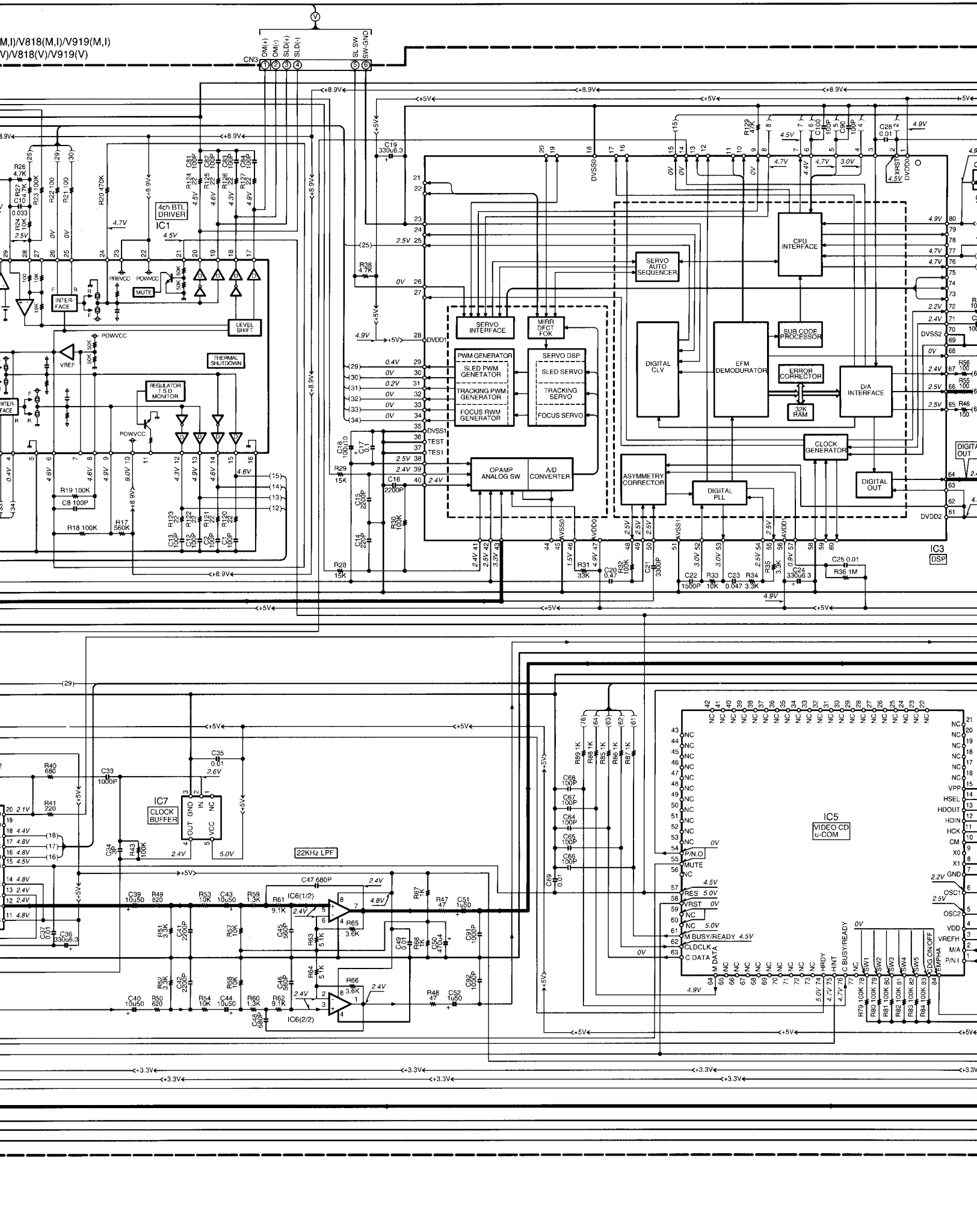
DESTINATION		UNIT No.	C76, 85	R130	A1
COUNTRY	ABB				
GENERAL MARKET	M2	0-20	YES	YES	YES
MALAYSIA	I2				
SHANGHAI	V2	0-21	NO	NO	NO

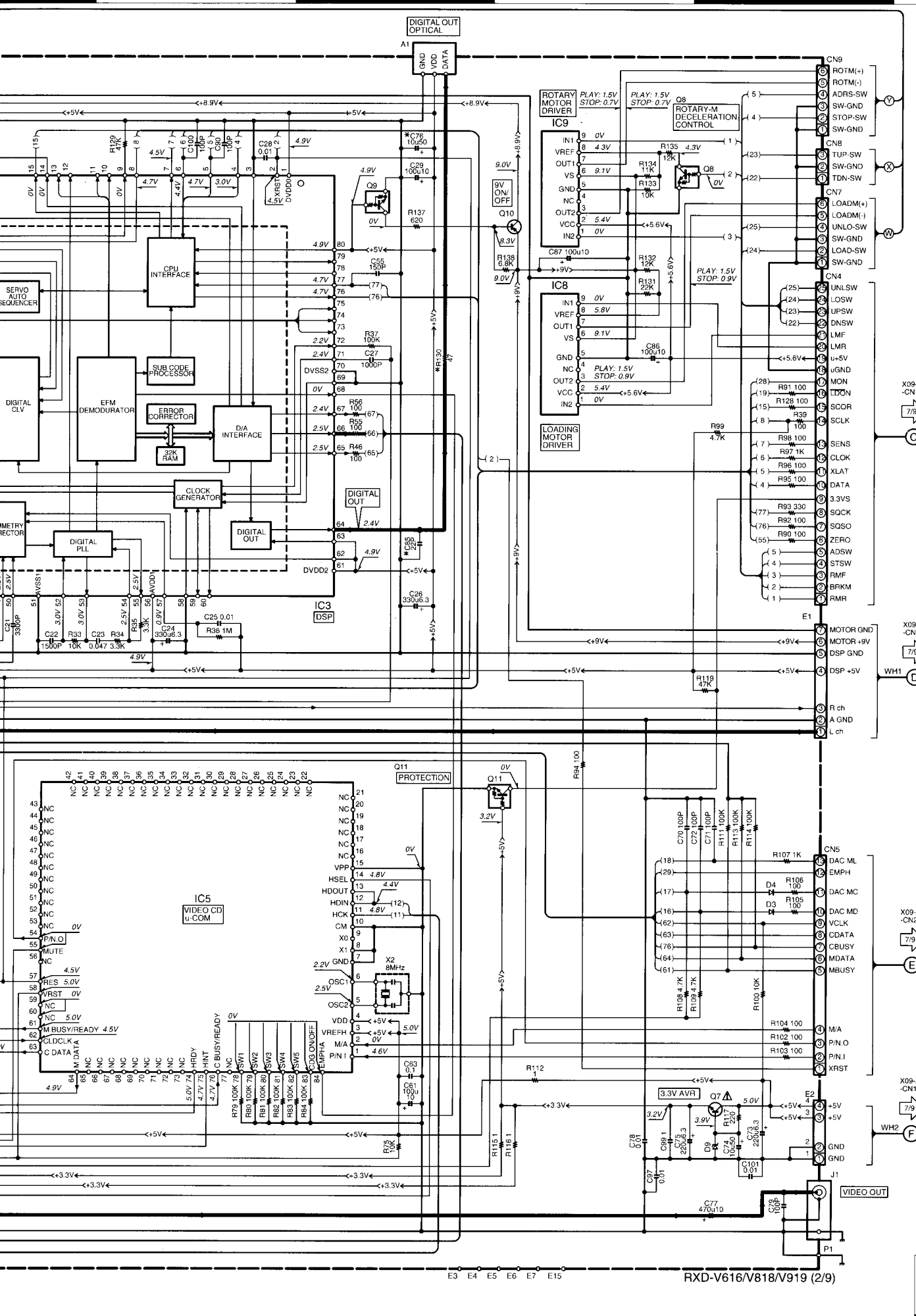
(X32-3580-20) RXD-V616(M,I)/V818(M,I)/V919(M,I)
(X32-3580-21) RXD-V616(V)/V818(V)/V919(V)

CD CHANGER MECHA. (CDM-27)
(D40-1590-08)

MPEG P.C.
(W02-2634-05)

M,I)/V818(M,I)/V919(M,I)
V)/V818(V)/V919(V)

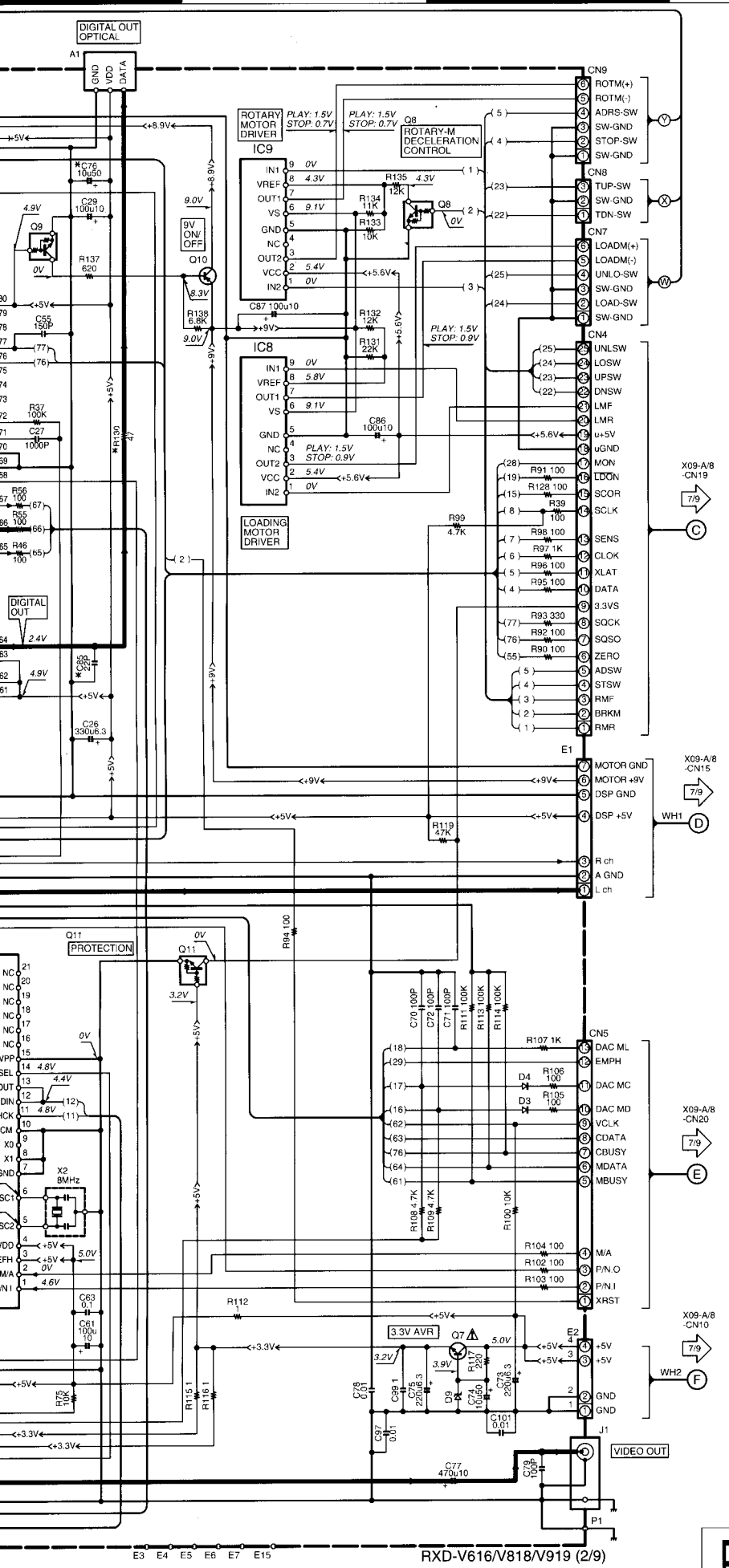




RXD-V616/V818/V919 (2/9)

CAUTION: *For conti with manufacturer's safety critical compo replace only with sa electric shock, leak carried out (expose circuit) before the ap*

The DC voltage is a type voltmeter. The measuring instrumen ing PLAY unless ot voltage measured at



RXD-V616/V818/V919 (2/9)

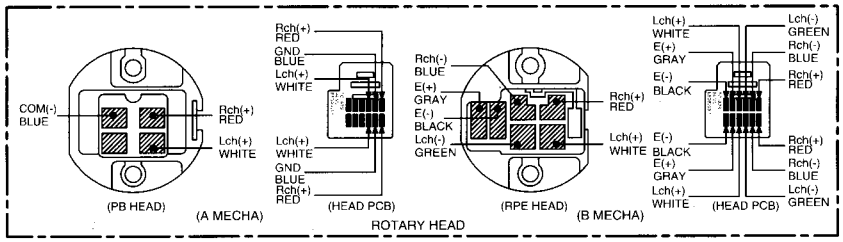
CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage dur ing PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

RXD-951/A700/A900/V616/V818/V919

KENWOOD

Y39-2950-10

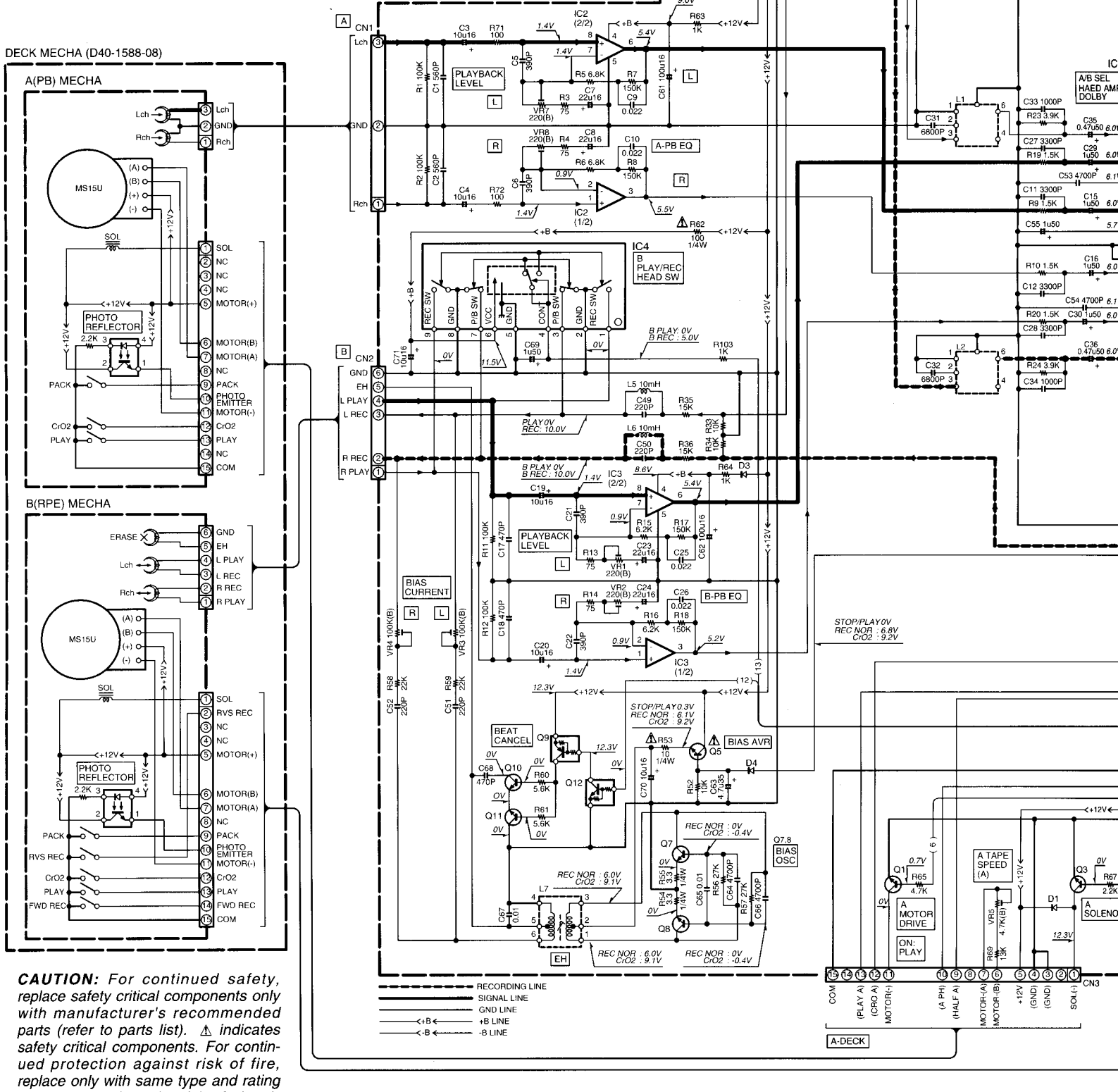


CASSETTE MECHANISM UNIT
(X28-2960-10)

DECK MECHA (D40-1588-08)

A(PB) MECHA

B(RPE) MECHA



CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage dur ing PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

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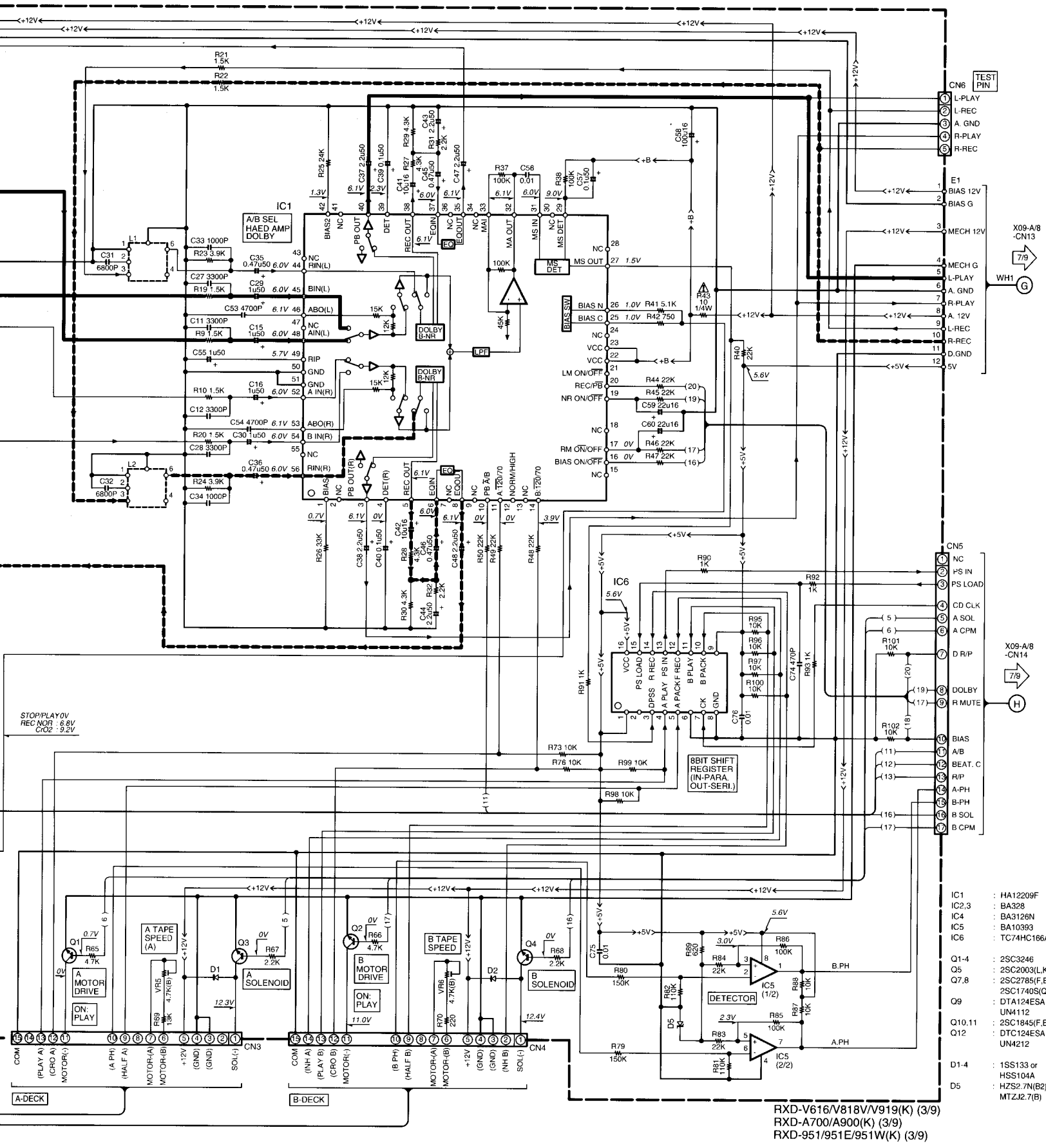
UNIT



IC1	:	HA12209F
IC2,3	:	BA328
IC4	:	BA3126N
IC5	:	BA10393
IC6	:	TC74HC166A
Q1-4	:	2SC3246
Q5	:	2SC2003(L,K
Q7,8	:	2SC2785(F,E 2SC1740S(Q
Q9	:	DTA124ESA UN4112
Q10,11	:	2SC1845(F,E
Q12	:	DTC124ESA UN4212
D1-4	:	1SS133 or HSS104A
D5	:	HZS2.7N(B2 MTZJ2.7(B)

RXD-V616/V818V/V919(K) (3/9)
RXD-A700/A900(K) (3/9)
RXD-951/951E/951W(K) (3/9)

ce type voltmeter. The ments used or on the d; The value shown in

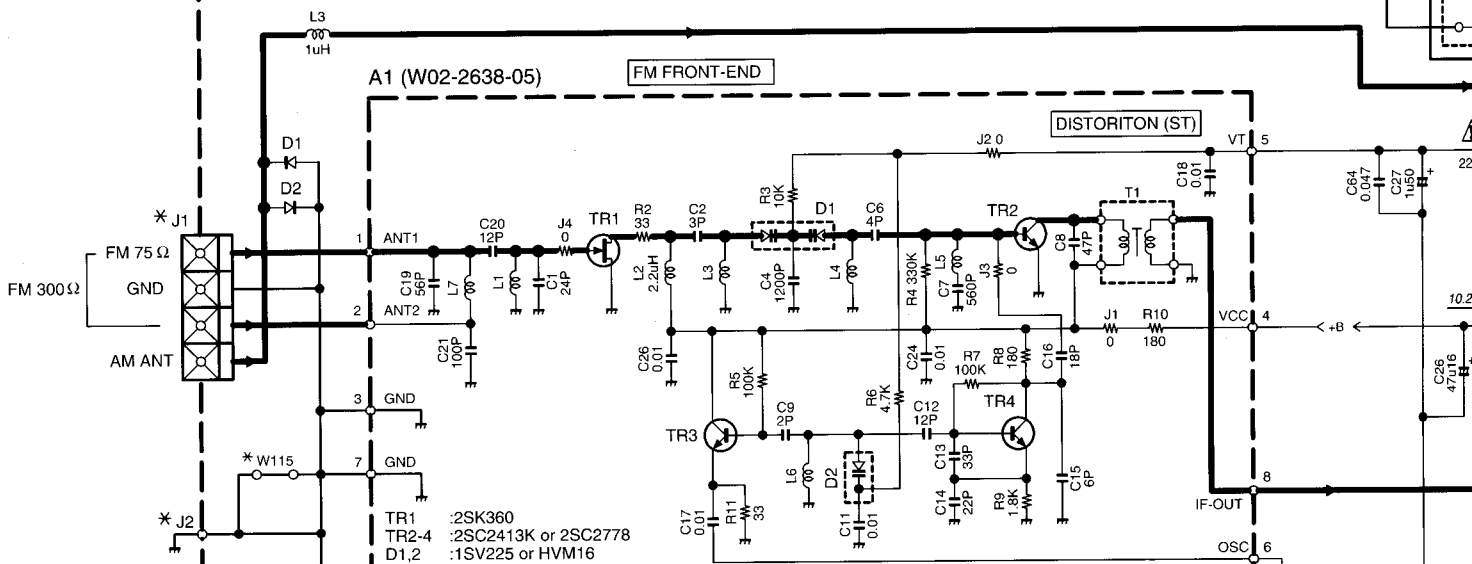
DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

TUNER UNIT

(X05-4890-XX) RXD-V616/V818/V919(M,I) RXD-A700/(K,P,X) RXD-A900(K,P) RXD-951(M,M5,I,Y,X)
(X05-4922-10) RXD-V616/V818/V919(V)

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM made.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB



***CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

RXD-V616 (X05-4XXX-XX)

DESTINATION		UNIT No.	©	C21, 22	W115, 116,119	J1	J2
COUNTRY	ABB.						
GENERAL MARKET	M4	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
MALAYSIA	I4						
SHANGHAI	V4	X05-4922-10				E70-0079-05	F10-1074-04

RXD-V818 (X05-4XXX-XX)

DESTINATION		UNIT No.	©	C21, 22	W115, 116,119	J1	J2
COUNTRY	ABB.						
GENERAL MARKET	M3	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
MALAYSIA	I3						
SHANGHAI	V3	X05-4922-10				E70-0079-05	F10-1074-04

RXD-V919 (X05-4XXX-XX)

DESTINATION		UNIT No.	©	C21, 22	W115, 116,119	J1	J2
COUNTRY	ABB.						
GENERAL MARKET	M2	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
MALAYSIA	I2						
SHANGHAI	V2	X05-4922-10				E70-0079-05	F10-1074-04

RXD-A900 (X05-4890-11)

DESTINATION		UNIT No.	©	C21, 22	W115, 116,119	J1	J2
COUNTRY	ABB.						
U.S.A.	K1	0-11	NO	0.018	NO	E20-0476-05 or E70-0051-05	F10-0945-04
CANADA	P1						

RXD-A700 (X05-489X-XX)

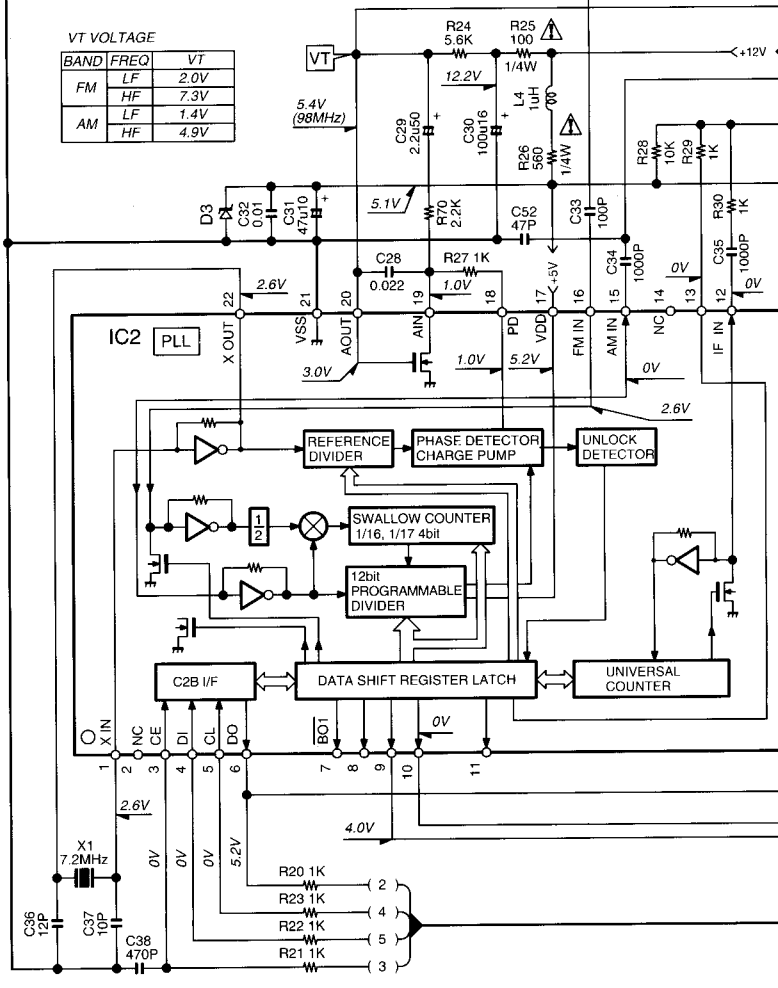
DESTINATION		UNIT No.	©	C21, 22	W115, 116,119	J1	J2
COUNTRY	ABB.						
U.S.A.	K2	0-11	NO	0.018	NO	E20-0476-05 or E70-0051-05	F10-0945-04
CANADA	P2						
AUSTRALIA	X2	0-71		0.012			

RXD-951 (05-489X-XX)

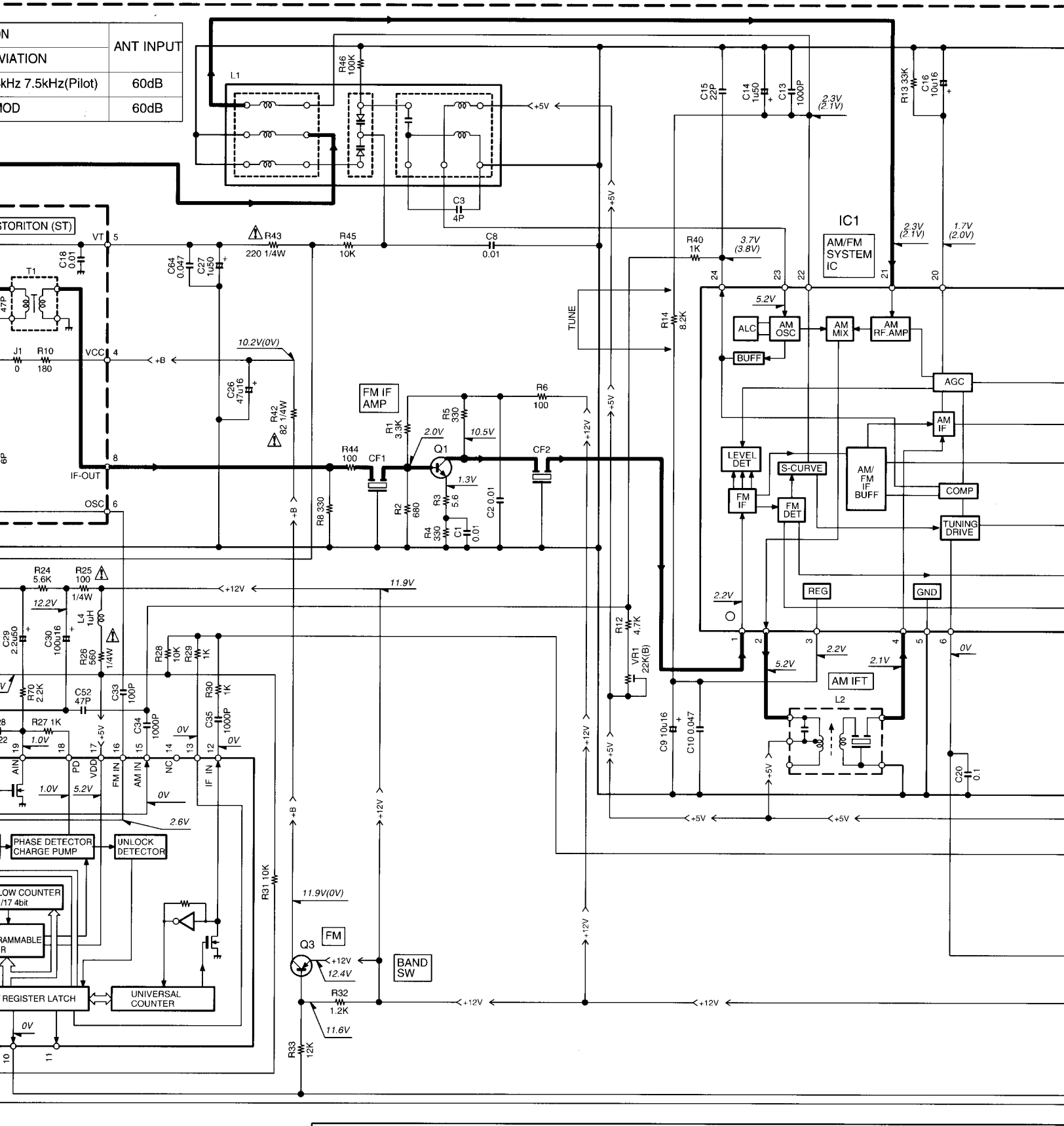
DESTINATION		UNIT No.	©	C21, 22	W115, 116,119	J1	J2
COUNTRY	ABB.						
GENERAL MARKET	M1	0-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
GENERAL MARKET	M5						
MALAYSIA	I1						
PX	Y1						
AUSTRALIA	X1	0-71	NO		NO		

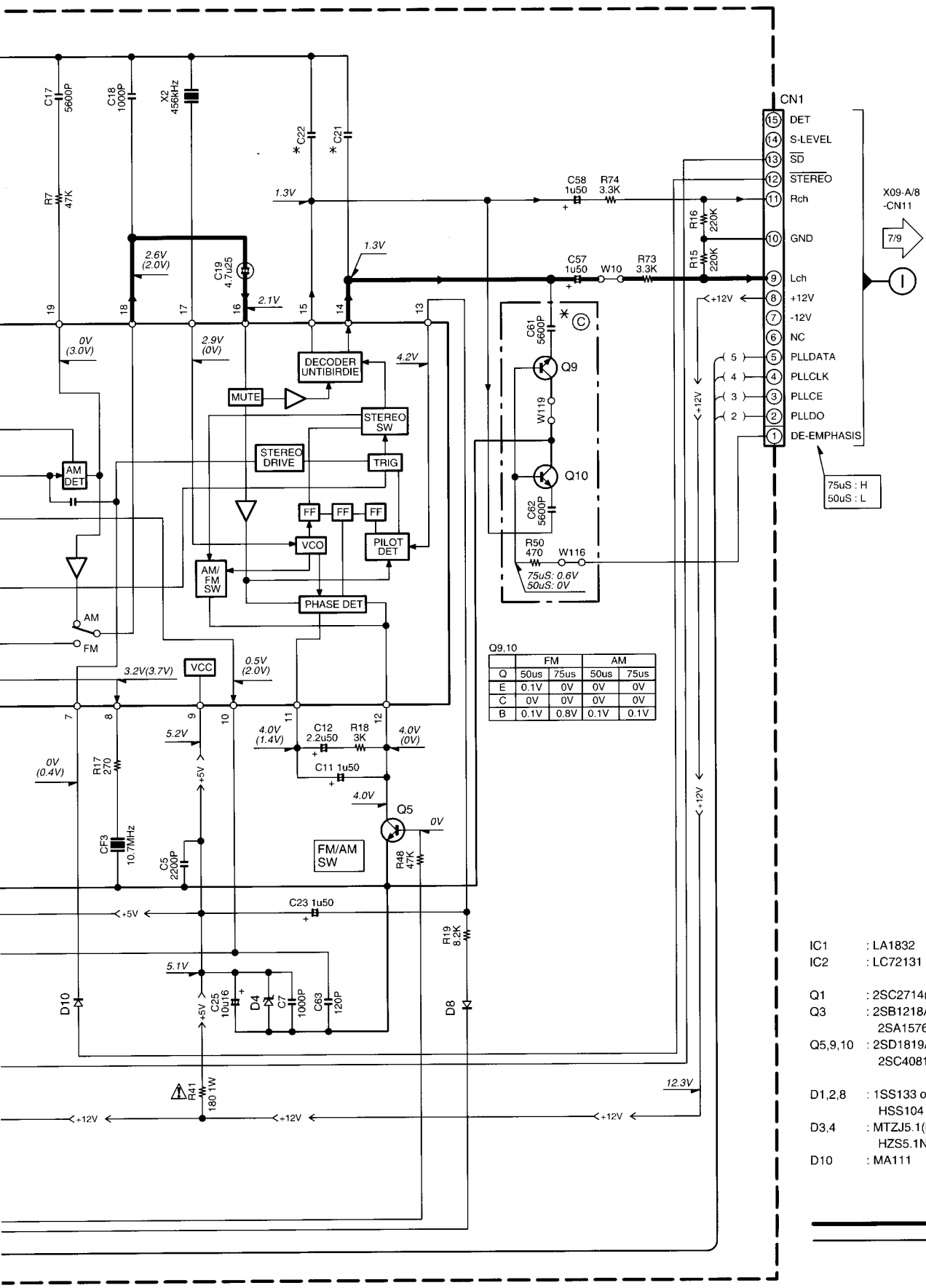
VT VOLTAGE

BAND	FREQ	VT
FM	LF	2.0V
	HF	7.3V
AM	LF	1.4V
	HF	4.9V



5,I,Y,X)


ANT INPUT
60dB
60dB
L1
R46 100K
C3 4P
+5V
C15 22P
C14 1u50
C13 1000P
2.3V (3.1V)
R13 33K
C16 10u16
IC1
AM/FM SYSTEM IC
2.3V (3.1V)
1.7V (2.0V)
R40 1K
3.7V (3.8V)
TUNE
R14 8.2K
5.2V
ALC
AM OSC
AM MIX
AM RF.AMP
BUFF
AGC
AM IF
LEVEL DET
S-CURVE
AM/ FM IF BUFF
COMP
FM IF
FM DET
TUNING DRIVE
REG
GND
2.2V
5.2V
2.1V
0V
AM IFT
L2
C9 10u16
C10 0.047
C20 0.1
R12 4.7K
VR1 22K(B)
STORITON (ST)
VT
T1
C18 0.01
C64 0.047
C27 1u50
R43 220 1/4W
R45 10K
C8 0.01
J1 0
R10 180
VCC
+B
10.2V(0V)
C26 47u16
R42 82 1/4W
FM IF AMP
R1 3.3K
R5 330
R6 100
2.0V
10.5V
Q1
1.3V
R44 100
CF1
CF2
IF-OUT
OSC
R8 330
R2 680
R3 5.6
R4 330
C1 0.01
C2 0.01
R24 5.6K
R25 100 1/4W
12.2V
+12V
11.9V
L4 1uH
C29 2.2u50
C30 100u16
R26 560 1/4W
R28 10K
R29 1K
R70 2.2K
C52 47P
C33 100P
R30 1K
R27 1K
C34 1000P
C35 1000P
1.0V
0V
AIN
PD
VDD
FM IN
AM IN
NC
IF IN
5.2V
2.6V
PHASE DETECTOR CHARGE PUMP
UNLOCK DETECTOR
LOW COUNTER /17 4bit
PROGRAMMABLE R
REGISTER LATCH
UNIVERSAL COUNTER
R31 10K
11.9V(0V)
Q3
FM
BAND SW
12.4V
R32 1.2K
11.6V
R33 12K



Q9,10

	FM		AM	
Q	50us	75us	50us	75us
E	0.1V	0V	0V	0V
C	0V	0V	0V	0V
B	0.1V	0.8V	0.1V	0.1V

IC1 : LA1832
IC2 : LC72131

Q1 : 2SC2714(R,O)
Q3 : 2SB1218A(Q,R) or 2SA1576A(R,S) or
Q5,9,10 : 2SD1819A(Q,R) or 2SC4081(R,S) or

D1,2,8 : 1SS133 or HSS104
D3,4 : MTZJ5.1(B) or HZS5.1N(B2)
D10 : MA111

SIGNAL LINE
GND LINE

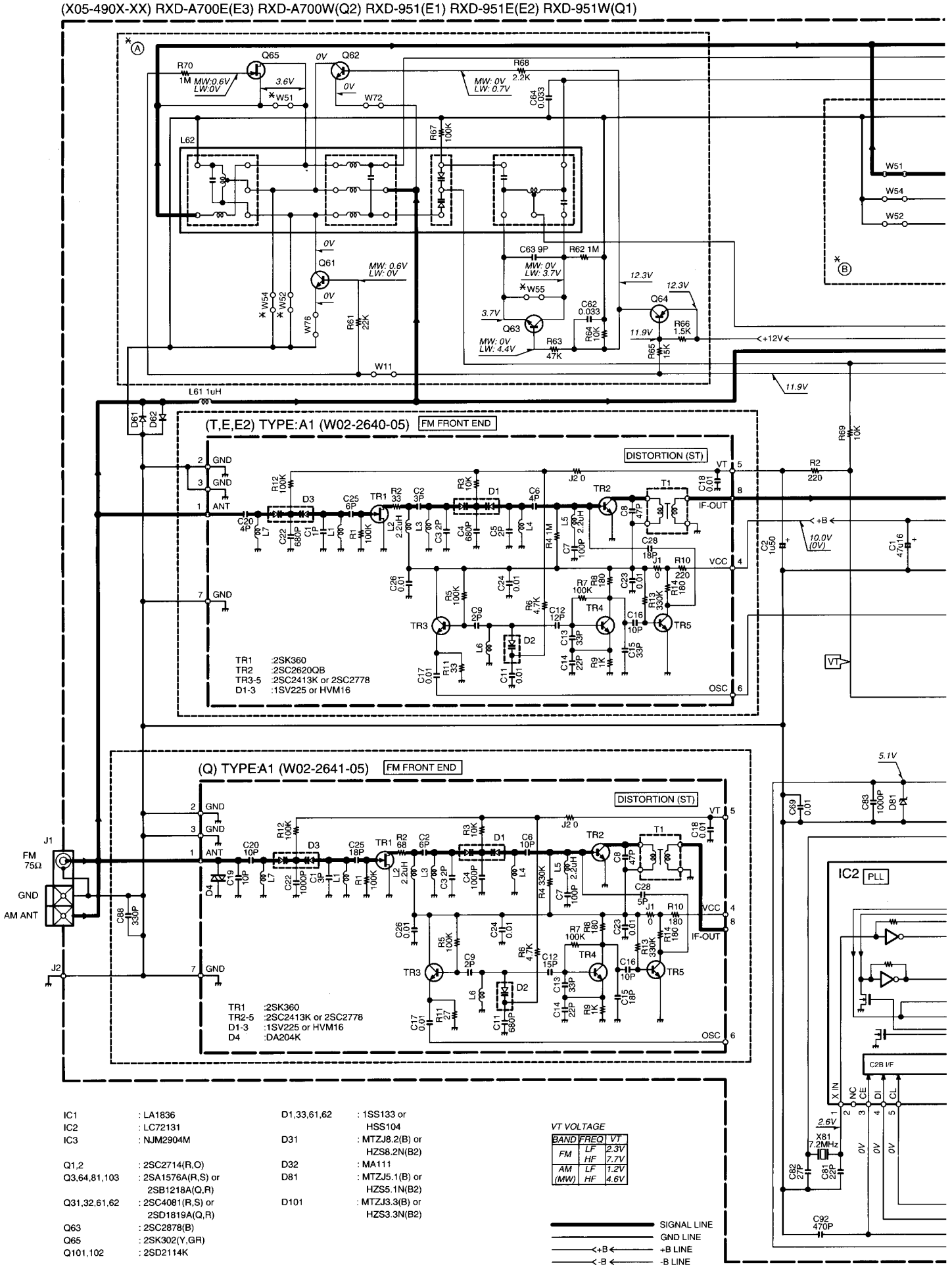
RXD-A700(K,P,X)/A900(K,P) (4/9)
RXD-951(M,I,Y,X) (4/9)
RXD-V616(M,I,V)/V818(M,I,V)/V919(M,I,V) (4/9)

Y39-2950-10

RXD-951/A700/A900/V616/V818/V919

KENWOOD

TUNER UNIT
(X05-490X-XX) RXD-A700E(E3) RXD-A700W(Q2) RXD-951(E1) RXD-951E(E2) RXD-951W(Q1)

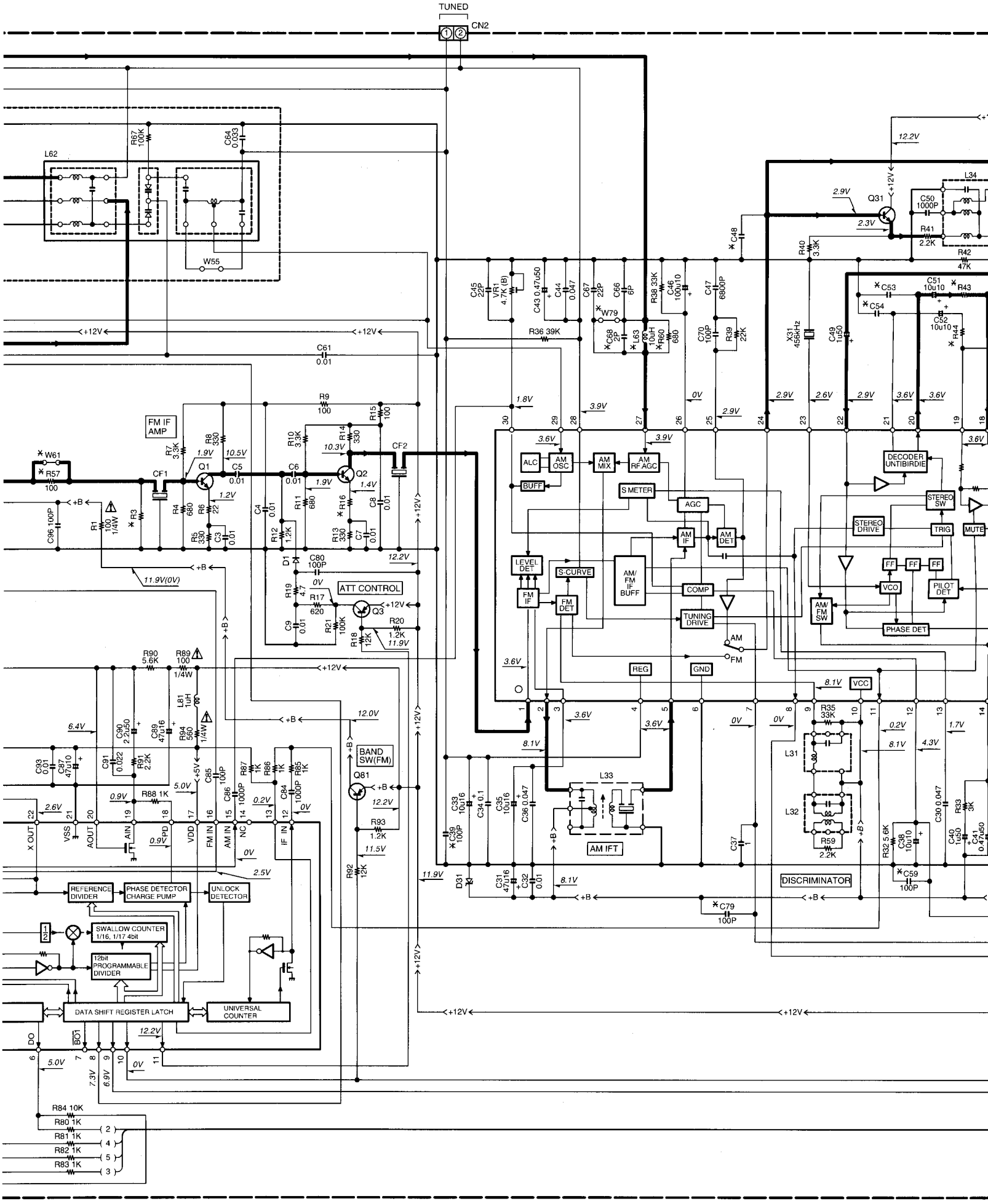


IC1	: LA1836	D1,33,61,62	: 1SS133 or HSS104
IC2	: LC72131		
IC3	: NJM2904M	D31	: MTZJ8.2(B) or HZS8.2N(B2)
Q1,2	: 2SC2714(R,O)	D32	: MA111
Q3,64,81,103	: 2SA1576A(R,S) or 2SB1218A(Q,R)	D81	: MTZJ5.1(B) or HZS5.1N(B2)
Q31,32,61,62	: 2SC4081(R,S) or 2SD1819A(Q,R)	D101	: MTZJ3.3(B) or HZS3.3N(B2)
Q63	: 2SC2878(B)		
Q65	: 2SK302(Y,GR)		
Q101,102	: 2SD2114K		

VT VOLTAGE

BAND	FREQ	VT
FM	LF	2.3V
	HF	7.7V
AM (MW)	LF	1.2V
	HF	4.6V

SIGNAL LINE
GND LINE
+B LINE
-B LINE


TUNED
CN2
L62
W55
FM IF AMP
ATT CONTROL
BAND SW(FM)
AM IFT
DISCRIMINATOR
REFERENCE DIVIDER
PHASE DETECTOR CHARGE PUMP
UNLOCK DETECTOR
SWALLOW COUNTER 1/16, 1/17 4bit
12bit PROGRAMMABLE DIVIDER
DATA SHIFT REGISTER LATCH
UNIVERSAL COUNTER
ALC
AM OSC
AM MIX
AM RF AGC
BUFF
S METER
AGC
AM IF
AM DET
LEVEL DET
S-CURVE
FM IF
FM DET
AM/FM IF BUFF
COMP
TUNING DRIVE
REG
GND
VCC
DECODER UNTIBIRDIE
STEREO SW
STEREO DRIVE
TRIG
MUTE
FF
VCO
PILOT DET
AM/FM SW
PHASE DET
+12V
+B

RXD-951 (X05-4902-70)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59,79,88	C48	C53,54	C55,56	C68,77,78	R3	R16	R43,44	R57,60
COUNTRY ABB.												
EUROPE E1	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO

RXD-951E (X05-4902-70)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59,79,88	C48	C53,54	C55,56	C68,77,78	R3	R16	R43,44	R57,60
COUNTRY ABB.												
EUROPE E2	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO

RXD-A700E (X05-4902-70)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59,79,88	C48	C53,54	C55,56	C68,77,78	R3	R16	R43,44	R57,60
COUNTRY ABB.												
EUROPE E3	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO

RXD-951W (X05-4903-81)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59,79,88	C48	C53,54	C55,56	C68,77,78	R3	R16	R43,44	R57
COUNTRY ABB.												
PUSSIA Q1	3-81	YES	NO	YES	680P	0.018	3.3u25	NO	330	47	12K	YES

RXD-A700W (X05-4903-81)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59,79,88	C48	C53,54	C55,56	C68,77,78	R3	R16	R43,44	R57
COUNTRY ABB.												
PUSSIA Q2	3-81	YES	NO	YES	680P	0.018	3.3u25	NO	330	47	12K	YES

POLAR UNIT
(X04-1313-80) (Q)TYPE ONLY

IC1
AM/FM SYSTEM IC

IC2 (1/2) BUFFER

IC2 (2/2) AMP

IC3 (1/2)

IC3 (2/2)

CN1
15 DET-OUT
14 S-LEVEL
13 SD
12 STEREO
11 Rch
10 GND
9 Lch
8 +12.4V
7 -12.4V
6 T.MUTE
5 PLL-DATA
4 PLL-CLK
3 PLL-CE
2 PLL-DO
1 MONO

CN2 PARATTION
VCO MONITOR

CN3
FILTER

P1

DISCRIMINATOR

DECODER UNTIBIRDIE

STEREO SW

STEREO DRIVE

TRIG

MUTE

FF FF FF

VCO

PILOT DET

AM/FM SW

PHASE DET

FM/AM SW

MUTE DRIVER

TC1 RESONANCE POINT

RXD-951 (X05-4902-70)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59, 79,88	C48	C53, 54	C55, 56	C68,77, 78	R3	R16	R43, 44	R57, 60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
COUNTRY ABB.																		
EUROPE	E1	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640

RXD-951E (X05-4902-70)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59, 79,88	C48	C53, 54	C55, 56	C68,77, 78	R3	R16	R43, 44	R57, 60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
COUNTRY ABB.																		
EUROPE	E2	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640

RXD-A700E (X05-4902-70)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59, 79,88	C48	C53, 54	C55, 56	C68,77, 78	R3	R16	R43, 44	R57, 60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
COUNTRY ABB.																		
EUROPE	E3	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640

RXD-951W (X05-4903-81)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59, 79,88	C48	C53, 54	C55, 56	C68,77, 78	R3	R16	R43, 44	R57	R60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
COUNTRY ABB.																			
PUSSIA	Q1	3-81	YES	NO	YES	680P	0.018	3.3u25	NO	330	47	12K	YES	NO	L39-1368	NO	YES	NO	F10-1088	W02-2641

RXD-A700W (X05-4903-81)

DESTINATION	UNIT No.	Ⓐ	Ⓑ	C39,59, 79,88	C48	C53, 54	C55, 56	C68,77, 78	R3	R16	R43, 44	R57	R60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
COUNTRY ABB.																			
PUSSIA	Q2	3-81	YES	NO	YES	680P	0.018	3.3u25	NO	330	47	12K	YES	NO	L39-1368	NO	YES	NO	F10-1088	W02-2641

CAUTION: *For conti manufacturer's recomm components. For cont type and rating fuse(s resistance measurem insulated from the supp*

The DC voltage is a voltmeter as the AM/F the list below. The m instruments used or c measured in the AM m

MODE	CARRIER
FM	98MHz
AM	1000(999)kHz

POLAR UNIT
(X04-1313-80) (Q)TYPE ONLY

RXD-951(E)/951E(E2)/951W(Q) (5/9)

Y39-2950-10

R43, 44	R57, 60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
22K	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640

R43, 44	R57, 60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
22K	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640

R43, 44	R57, 60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
22K	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640

R43, 44	R57	R60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
12K	YES	NO	L39-1368	NO	YES	NO	F10-1088	W02-2641

R43, 44	R57	R60	L62	L63	W68,74, 79	W51,52,54, 55,61	J2	A1
12K	YES	NO	L39-1368	NO	YES	NO	F10-1088	W02-2641

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

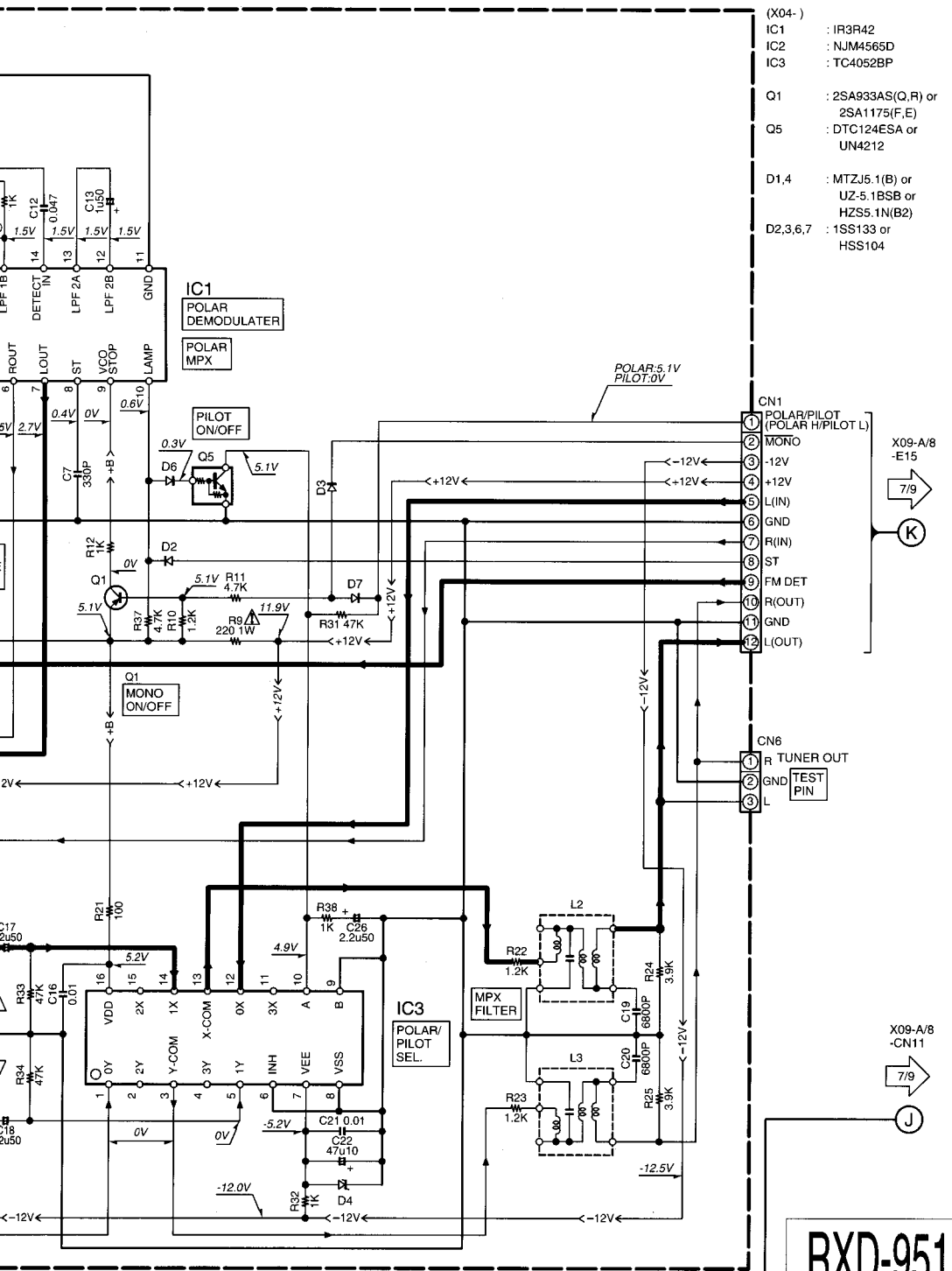
The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM made.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

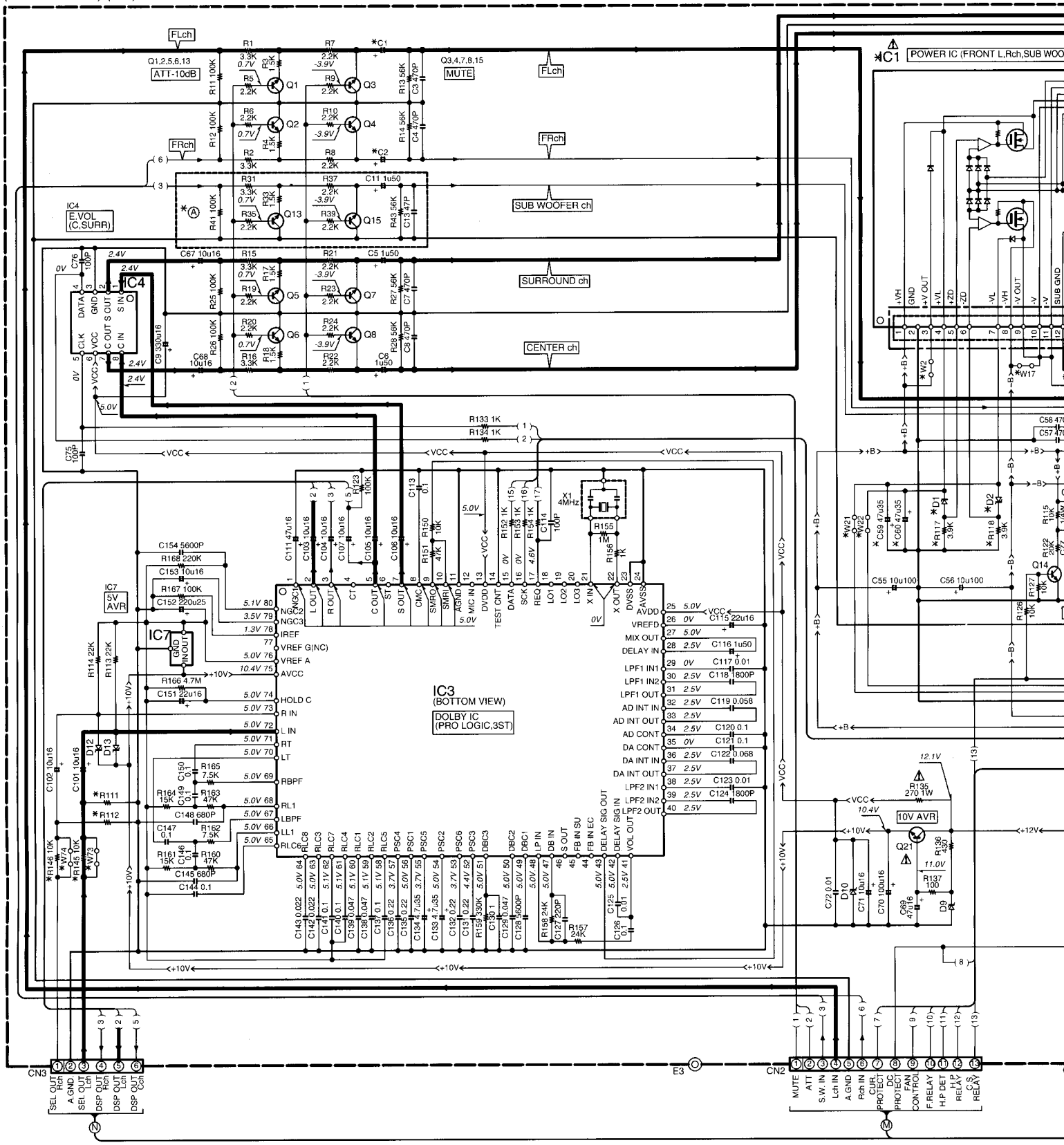
(X04-)
IC1 : IR3R42
IC2 : NJM4565D
IC3 : TC4052BP

Q1 : 2SA933AS(Q,R) or 2SA1175(F,E)
Q5 : DTC124ESA or UN4212

D1,4 : MTZJ5.1(B) or UZ-5.1BSB or HZS5.1N(B2)
D2,3,6,7 : 1SS133 or HSS104



(X08-2XXX-XX) (A/3)



RXD-A700 (X08-2870-11)

DESTINATION	ABB.	UNIT No.	C1,2	C21,22,33,34	C23,24,31,32,41,43,45,47,49,51,53,59,60-62,65,66	C63,64	C79,80	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69,70	R71,72	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,9-11,17,31,32,41,55,73,74,77	W3,4,15,18,20-22,29,30,33,43,45,54,59,78
U.S.A	K2	0-11	0.47u50	0.1	NO	100u50	YES	NO	NO	YES	NO	NO	NO	2.7K	220	430	2K	NO	100K	YES	NO	YES	YES	NO
CANADA	P2																							
AUSTRALIA	X2																							

RXD-A700E (X08-2872-72)

DESTINATION	ABB.	UNIT No.	C1,2	C21-24,31-34	C41,43,45,47,49,51,53,59,60-62,65,66	C63,64	C79,80	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69,70	R71,72	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,10,17,41,55,73,74,77	W3,4,9,11,15,18,20-22,29,30-33,43,45,54,59,78
EUROPE	E3	2-72	0.47u50	0.22	NO	100	YES	NO	NO	YES	NO	NO	NO	2.7K	220	430	2K	NO	100K	YES	NO	YES	YES	NO

RXD-A700W (X08-2872-72)

DESTINATION	ABB.	UNIT No	C1,2	C21-24,31-34	C41,43,45,47,49,51,53,59,60-62,65,66	C63,64	C79,80	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69,70	R71,72	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,10,17,41,55,73,74,77	W3,4,9,11,15,18,20-22,29,30-33,43,45,54,59,78
RUSSIA	O2	2-72	0.47u50	0.22	NO	100	YES	NO	NO	YES	NO	NO	NO	2.7K	220	430	2K	NO	100K	YES	NO	YES	YES	NO

RXD-V919 (X08-XXXX-XX)

DESTINATION	ABB.	UNIT No.	C1,2	C21,22,33,34,47	C23,24,31,32,49,79,80	C41,43,45,51,53,59-62,65,66	C63,64	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52,71,72	R63	R69	R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125	R111,112	R143,144	R145,146	Ⓐ	Ⓑ	W1,2,5,7,10,17,41,55,77	W3,4,9,11,15,18,20-22,29-33,43,45,54,59,78	W73,74
GENERAL MARKET	M2	2870-20	10u50	0.1	NO	YES	4700P	YES	YES	NO	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	YES	YES	NO	NO	YES	NO
MALAYSIA	I2																		100K		NO					YES
SHANGHAI	V2	2922-10																								

RXD-A900 (X08-2870-20)

DESTINATION	ABB.	UNIT No.	C1,2	C21 33,3
COUNTRY				
U.S.A	K1	0-20	10u50	0
CANADA	P1			

RXD-951 (X08-287X-XX)

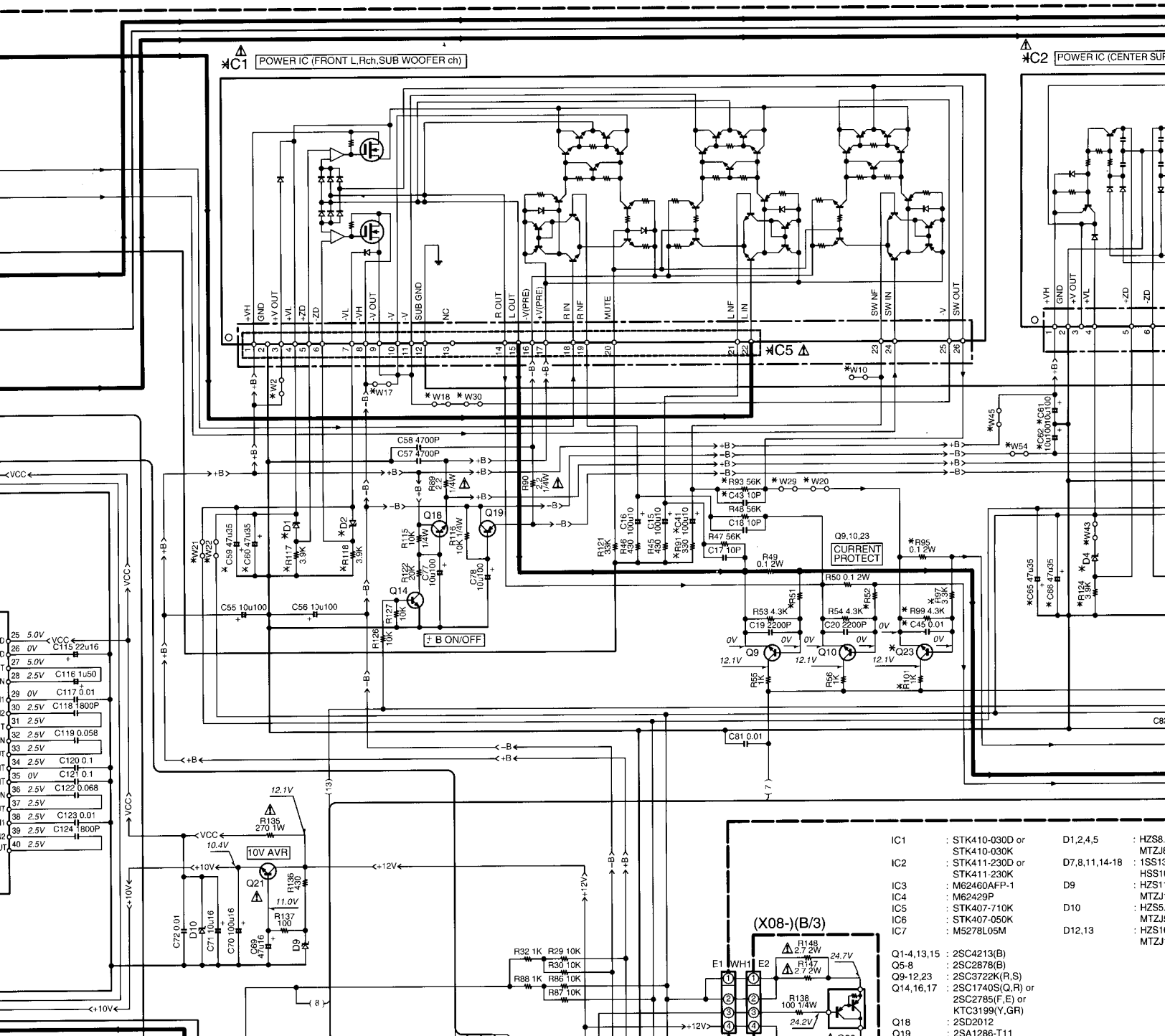
DESTINATION	ABB.	UNIT No.	C1,2	C2 33,3
COUNTRY				
PX	Y1	0-20	10u50	C
GENERAL MARKET	M1			
MALAYSIA	I1			
AUSTRALIA	X1			
GENERAL MARKET	M5	0-21		
EUROPE	E1	2-71		0

RXD-951E (X08-2872-71)

DESTINATION	ABB.	UNIT No.	C1,2	C2 33,3
COUNTRY				
EUROPE	E2	2-71	10u50	0

RXD-951W (X08-2872-71)

DESTINATION	ABB.	UNIT No.	C1,2	C2 33,3
COUNTRY				
RUSSIA	O1	2-71	10u50	0



RXD-A900 (X08-2870-20)

DESTINATION		UNIT No.	C1,2	C21,22,33,34,47	C23,24,31,32,49,79,80	C41,43,45,51,53,59-62,65,66	C63,64	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52,71,72	R63	R69	R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,10,17,41,55,73,74,77	W3,4,9,11,15,18,20-22,29-33,43,45,54,59,78
U.S.A.	K1	0-20	10u50	0.1	NO	YES	4700P	YES	YES	NO	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	YES	NO	NO	YES
CANADA	P1																							

RXD-951 (X08-287X-XX)

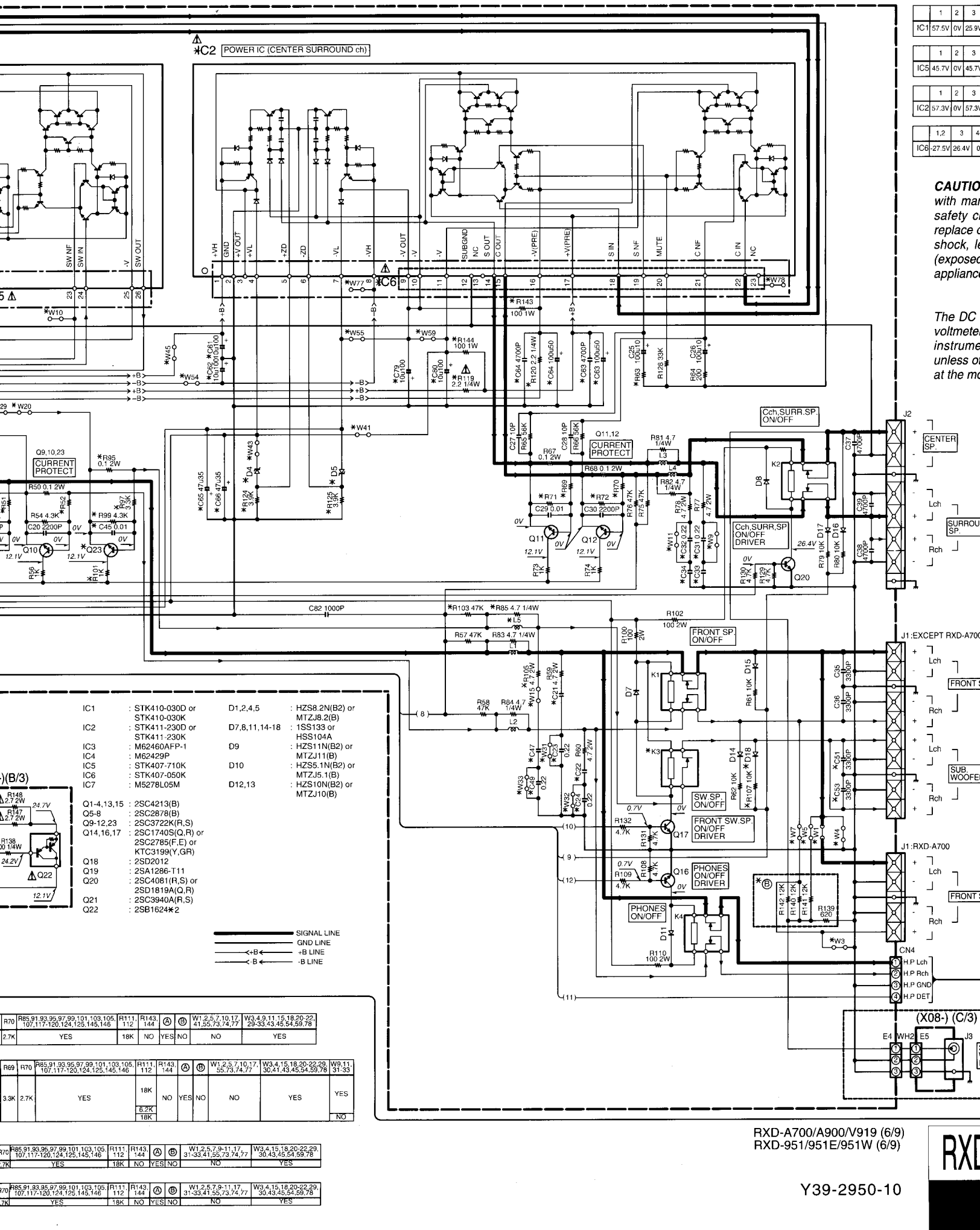
DESTINATION		UNIT No.	C1,2	C21,22,33,34,47	C23,24,31,32	C41,43,45,51,53,59-62,65,66	C49	C63,64	C79,80	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52,71,72	R63	R69	R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,10,17,55,73,74,77	W3,4,15,18,20-22,30,41,43,45,54,59
PX	Y1	0-20	10u50	0.1	NO	YES	NO	4700P	NO	YES	YES	NO	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	YES	NO	NO	YES
GENERAL MARKET	M1																				6.2K					
MALAYSIA	I1																				18K					
AUSTRALIA	X1																									
GENERAL MARKET	M5	0-21		0.22	YES		YES																			
EUROPE	E1	2-71																								

RXD-951E (X08-2872-71)

DESTINATION		UNIT No.	C1,2	C21,22,33,34,47	C23,24,31,32,41,43,45,49,51,53,59-62,65,66	C63,64	C79,80	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52,71,72	R63	R69	R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,9-11,17,31-33,41,55,73,74,77	W3,4,15,18,20-22,29,30,43,45,54,59,78
EUROPE	E2	2-71	10u50	0.22	YES	4700P	NO	YES	YES	NO	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	YES	NO	NO	YES

RXD-951W (X08-2872-71)

DESTINATION		UNIT No.	C1,2	C21,22,33,34,47	C23,24,31,32,41,43,45,49,51,53,59-62,65,66	C63,64	C79,80	D1,2,4,5,18	IC1,2	IC5,6	K3	L5	Q23	R51,52,71,72	R63	R69	R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,9-11,17,31-33,41,55,73,74,77	W3,4,15,18,20-22,29,30,43,45,54,59,78
RUSSIA	Q1	2-71	10u50	0.22	YES	4700P	NO	YES	YES	NO	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	YES	NO	NO	YES


⚠C2 POWER IC (CENTER SURROUND ch)
⚠C6
+VH GND +V OUT +VL +ZD -ZD -VL -VH -V OUT -V -V SUBGND NC S OUT C OUT -V(PRE) +V(PRE) S IN S NF MUTE C NF C IN NC
SW NF SW IN -V SW OUT
+B -B
W10 W20 W41 W45 W54 W55 W59 W77 W78
R143 100 1W
R144 100 1W
R119 2.2 1/4W
C61 10u/100 C62 10u/100 C79 10u/100 C80 10u/100
C64 4700P R120 2.2 1/4W C63 4700P C25 100u/10 C26 100u/10 R63 R128 33K R64 200
Cch,SURR.SP. ON/OFF
Q9,10,23 CURRENT PROTECT
Q11,12 CURRENT PROTECT
R95 0.1 2W
R50 0.1 2W
R54 4.3K R99 4.3K C20 2200P C45 0.01
Q10 Q23
R56 1K R101 1K
C65 47u/35 C66 47u/35 D4 D5 R124 3.9K R125 3.9K
C27 10P R65 56K C28 10P R66 56K R67 0.1 2W R68 0.1 2W
R81 4.7 1/4W L3 L4 R82 4.7 1/4W
R71 R69 C29 0.01 R72 R70 C30 2200P R76 47K R75 47K R73 47K R77 4.7 2W
Q11 Q12
R73 1K R74 1K
C82 1000P
R103 47K R85 4.7 1/4W L5
R57 47K R83 4.7 1/4W
R102 100 2W
R100 100 2W
FRONT SP. ON/OFF
R58 47K R84 4.7 1/4W L2
R105 4.7 2W R59 R21 4.7 2W
K1 K2 K3
D7 D8 D14 D15 D18
R61 10K R62 10K R107 10K
SW.SP. ON/OFF
FRONT SW.SP. ON/OFF DRIVER
R132 4.7K R131 4.7K Q17
PHONES ON/OFF DRIVER
R108 4.7K R109 4.7K Q16
PHONES ON/OFF
K4 D11
R110 100 2W
Cch,SURR.SP ON/OFF DRIVER
R130 4.7K R129 4.7K Q20
R79 10K R80 10K D16 D17
C47 C31 C22 C24 C23 C33 C34 C38 4700P C39 4700P C37 4700P C35 3300P C36 3300P C51 3300P C53 3300P
R142 12K R140 12K R141 12K R139 620
J2 CENTER SP. Lch SURROUND SP. Rch
J1:EXCEPT RXD-A700 Lch FRONT SP. Rch Lch SUB. WOOFER Rch
J1:RXD-A700 Lch FRONT SP. Rch
CN4 H.P Lch H.P Rch H.P GND H.P DET
(X08-) (C/3)
E4 WH2 E5 J3
(8) (9) (10) (11) (12)
SIGNAL LINE
GND LINE
+B LINE
-B LINE

	1	2	3
IC1	57.5V	0V	25.9V

	1	2	3
IC5	45.7V	0V	45.7V

	1	2	3
IC2	57.3V	0V	57.3V

	1,2	3	4
IC6	-27.5V	26.4V	0

CAUTIO
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IC1	: STK410-030D or STK410-030K
IC2	: STK411-230D or STK411-230K
IC3	: M62460AFP-1
IC4	: M62429P
IC5	: STK407-710K
IC6	: STK407-050K
IC7	: M5278L05M
Q1-4,13,15	: 2SC4213(B)
Q5-8	: 2SC2878(B)
Q9-12,23	: 2SC3722K(R,S)
Q14,16,17	: 2SC1740S(Q,R) or 2SC2785(F,E) or KTC3199(Y,GR)
Q18	: 2SD2012
Q19	: 2SA1286-T11
Q20	: 2SC4081(R,S) or 2SD1819A(Q,R)
Q21	: 2SC3940A(R,S)
Q22	: 2SB1624✱2
D1,2,4,5	: HZS8.2N(B2) or MTZJ8.2(B)
D7,8,11,14-18	: 1SS133 or HSS104A
D9	: HZS11N(B2) or MTZJ11(B)
D10	: HZS5.1N(B2) or MTZJ5.1(B)
D12,13	: HZS10N(B2) or MTZJ10(B)

R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,10,17,41,55,73,74,77	W3,4,9,11,15,18,20-22,29-33,43,45,54,59,78
2.7K	YES	18K	NO	YES	NO	NO	YES

R69	R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,10,17,55,73,74,77	W3,4,15,18,20-22,29,30,41,43,45,54,59,78	W9,11,31-33
3.3K	2.7K	YES	18K 6.2K 18K	NO	YES	NO	NO	YES	YES NO

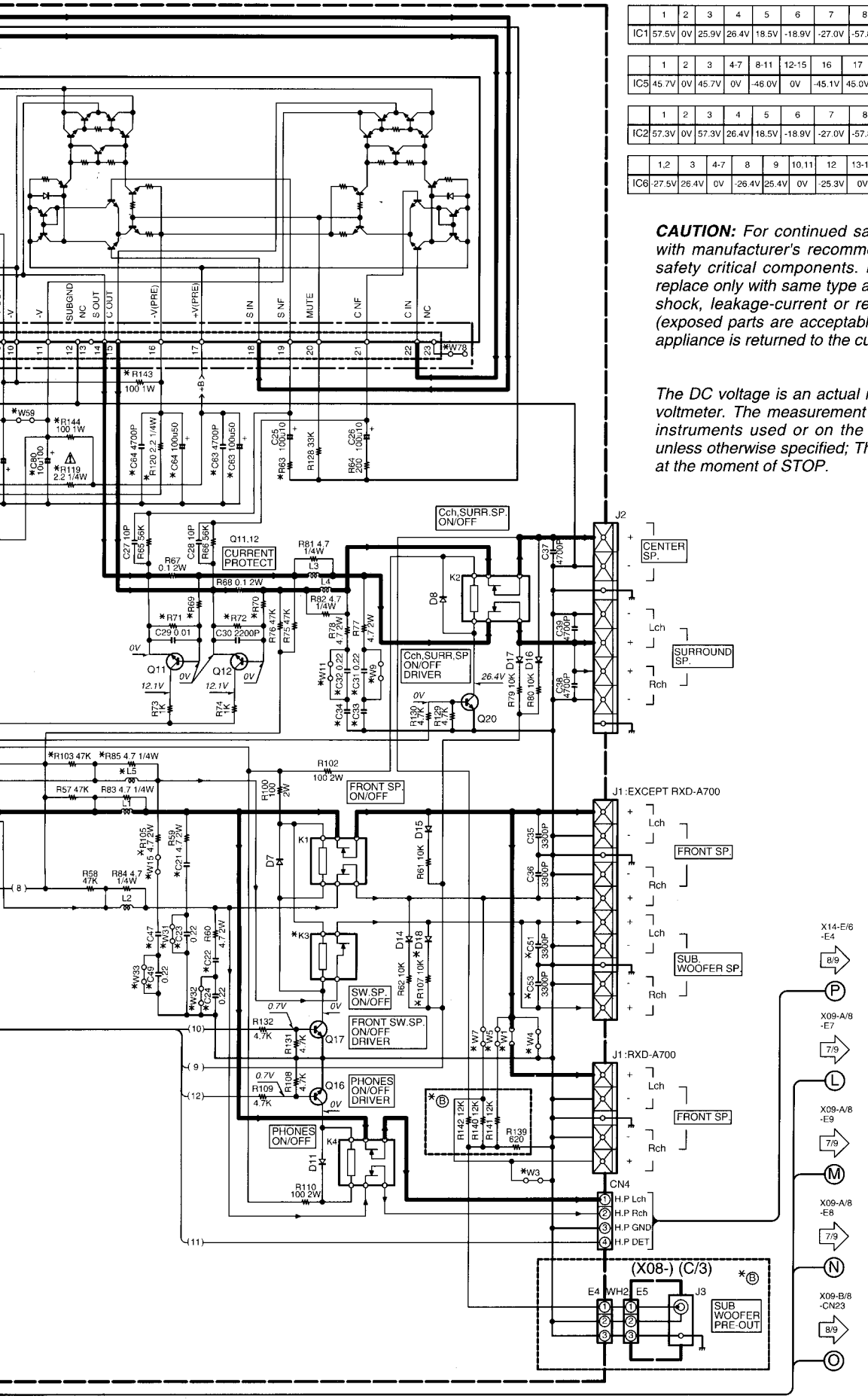
R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,9-11,17,31-33,41,55,73,74,77	W3,4,15,18,20-22,29,30,43,45,54,59,78
7K	YES	18K	NO	YES	NO	NO	YES

R70	R85,91,93,95,97,99,101,103,105,107,117-120,124,125,145,146	R111,112	R143,144	Ⓐ	Ⓑ	W1,2,5,7,9-11,17,31-33,41,55,73,74,77	W3,4,15,18,20-22,29,30,43,45,54,59,78
7K	YES	18K	NO	YES	NO	NO	YES

RXD-A700/A900/V919 (6/9)
RXD-951/951E/951W (6/9)

Y39-2950-10

RXD



	1	2	3	4	5	6	7	8	9-11	12-15	16	17	18,19	20	21,22	23,24	25	26
IC1	57.5V	0V	25.9V	26.4V	18.5V	-18.9V	-27.0V	-57.8V	-26.5V	0V	-56.3V	56.5V	0V	-55.3V	0V	0V	-26.4V	0V

	1	2	3	4-7	8-11	12-15	16	17	18,19	20	21,22
IC5	45.7V	0V	45.7V	0V	-46.0V	0V	-45.1V	45.0V	0V	-43.9V	0V

	1	2	3	4	5	6	7	8	9-11	12-15	16	17	18,19	20	21,22
IC2	57.3V	0V	57.3V	26.4V	18.5V	-18.9V	-27.0V	-57.8V	-26.5V	0V	-55.5V	56.5V	0V	-55.4V	0V

	1,2	3	4-7	8	9	10,11	12	13-15
IC6	-27.5V	26.4V	0V	-26.4V	25.4V	0V	-25.3V	0V

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

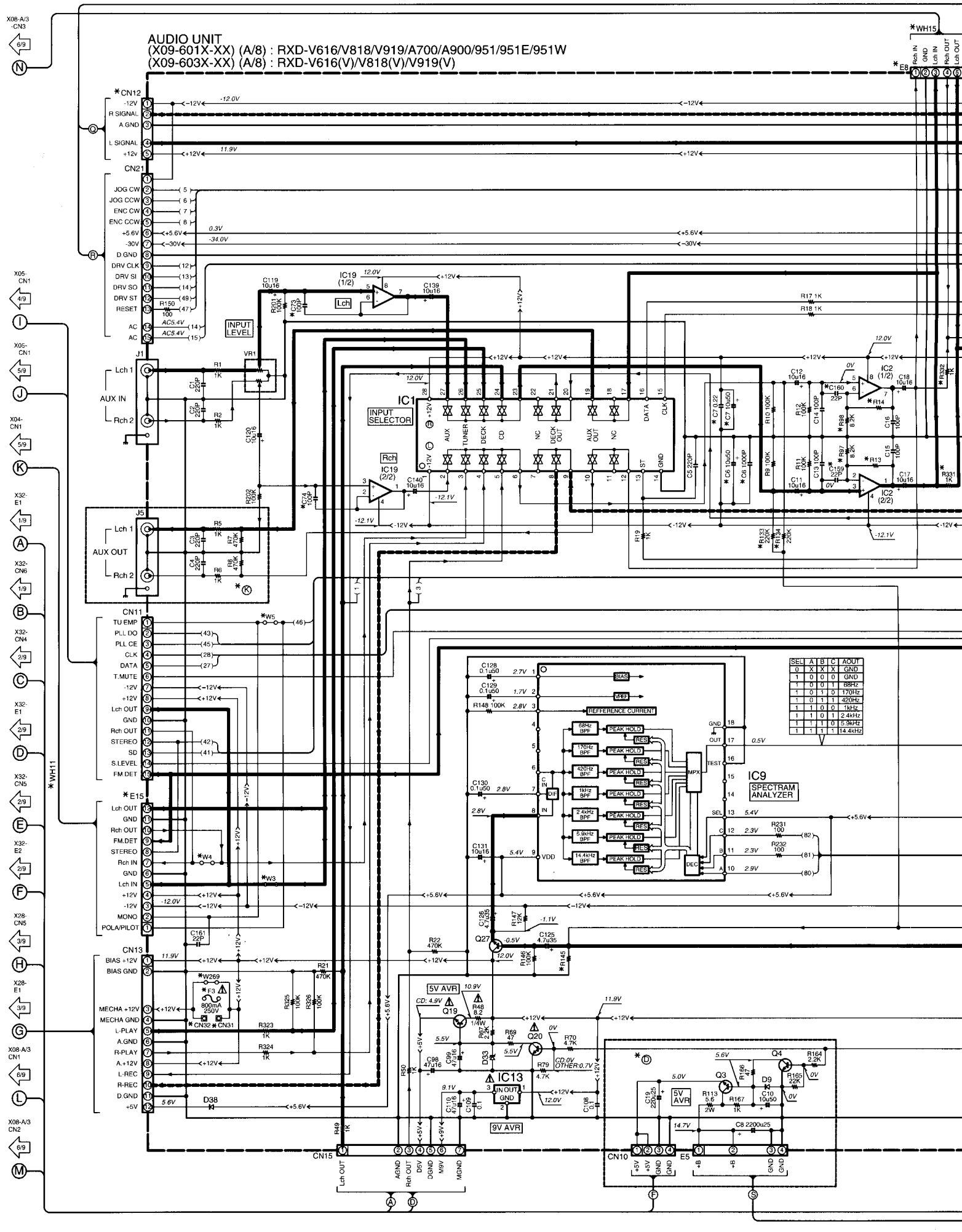
The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage dur ing PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

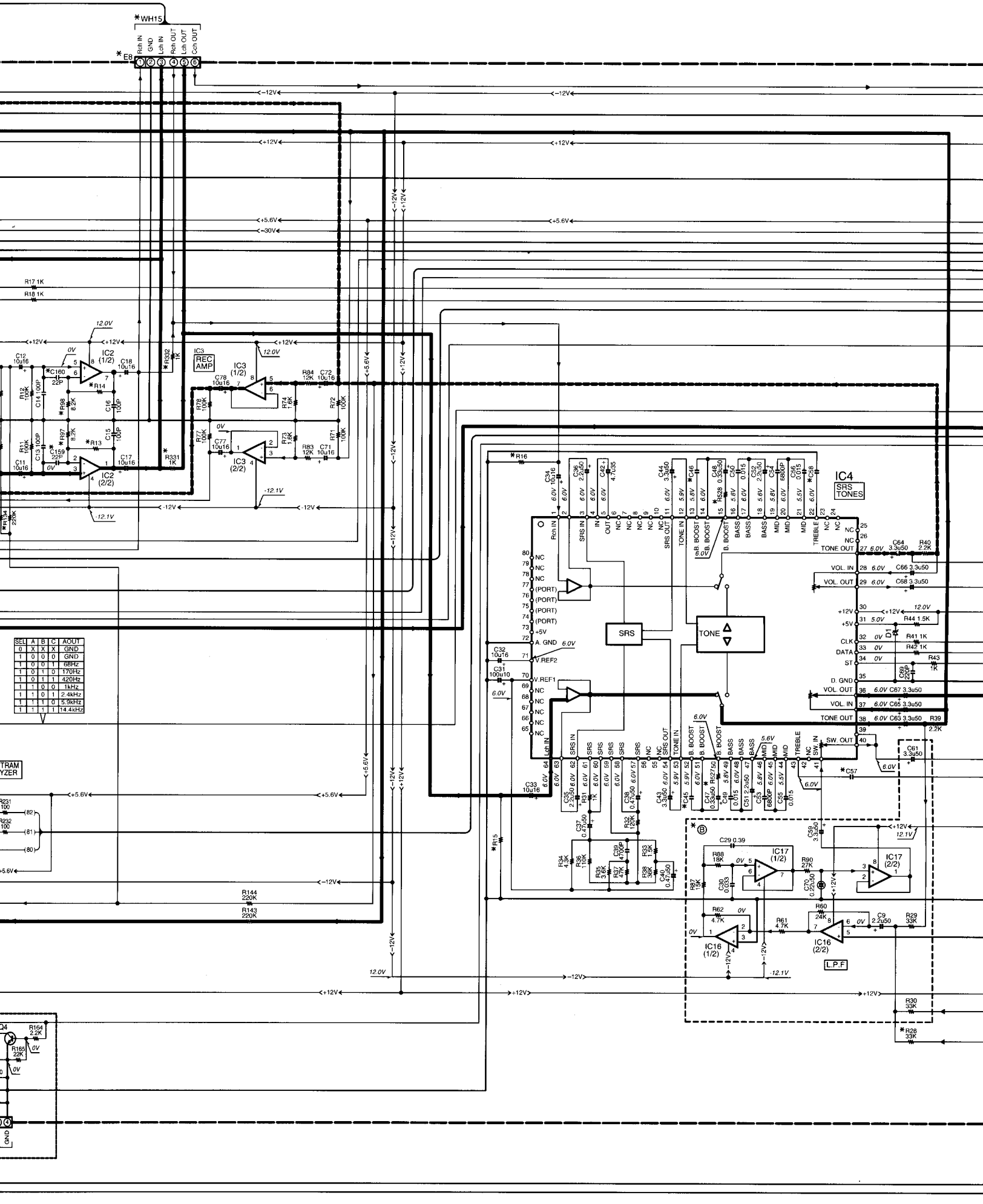
RXD-A700/A900/V919 (6/9)
RXD-951/951E/951W (6/9)

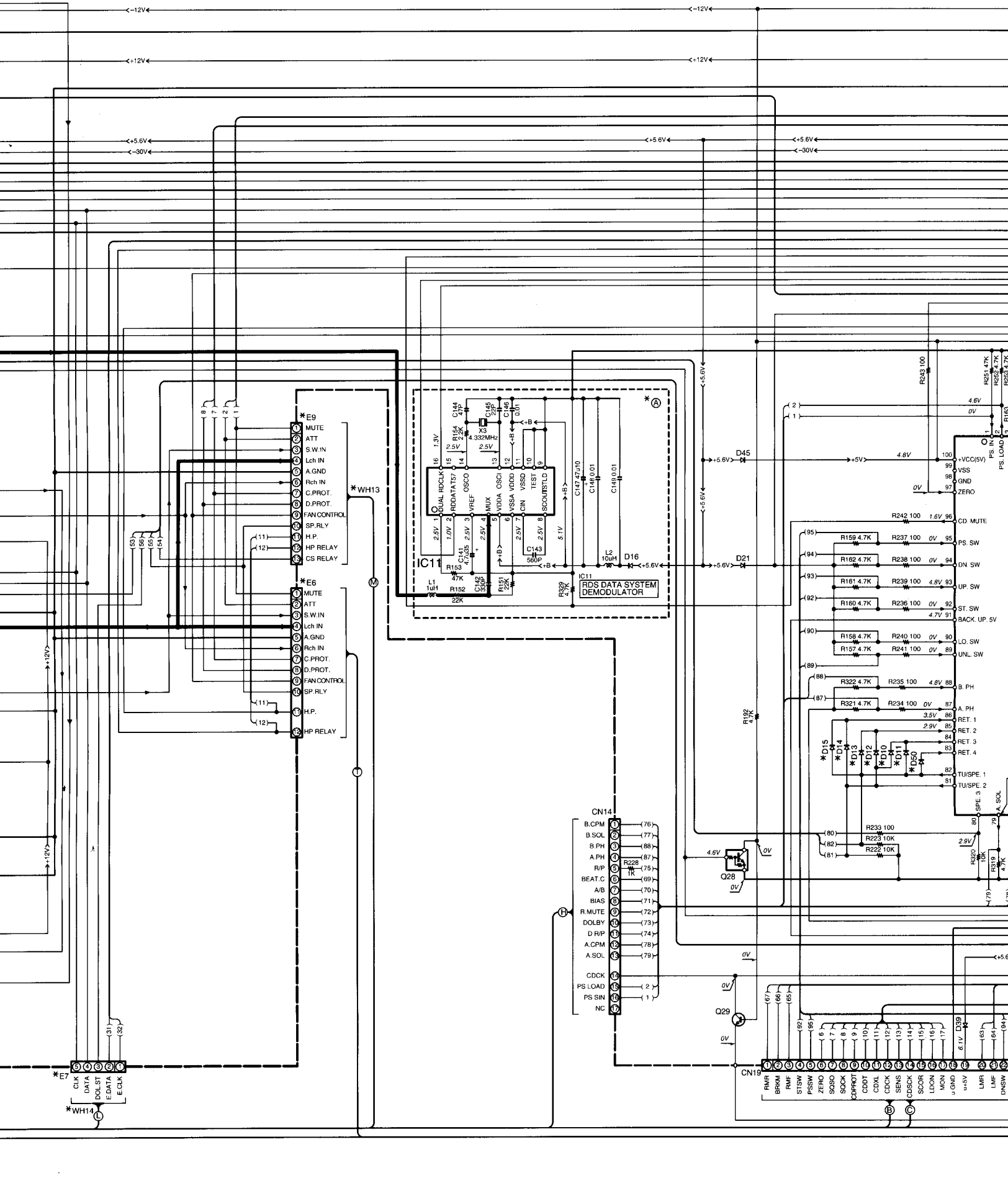
Y39-2950-10

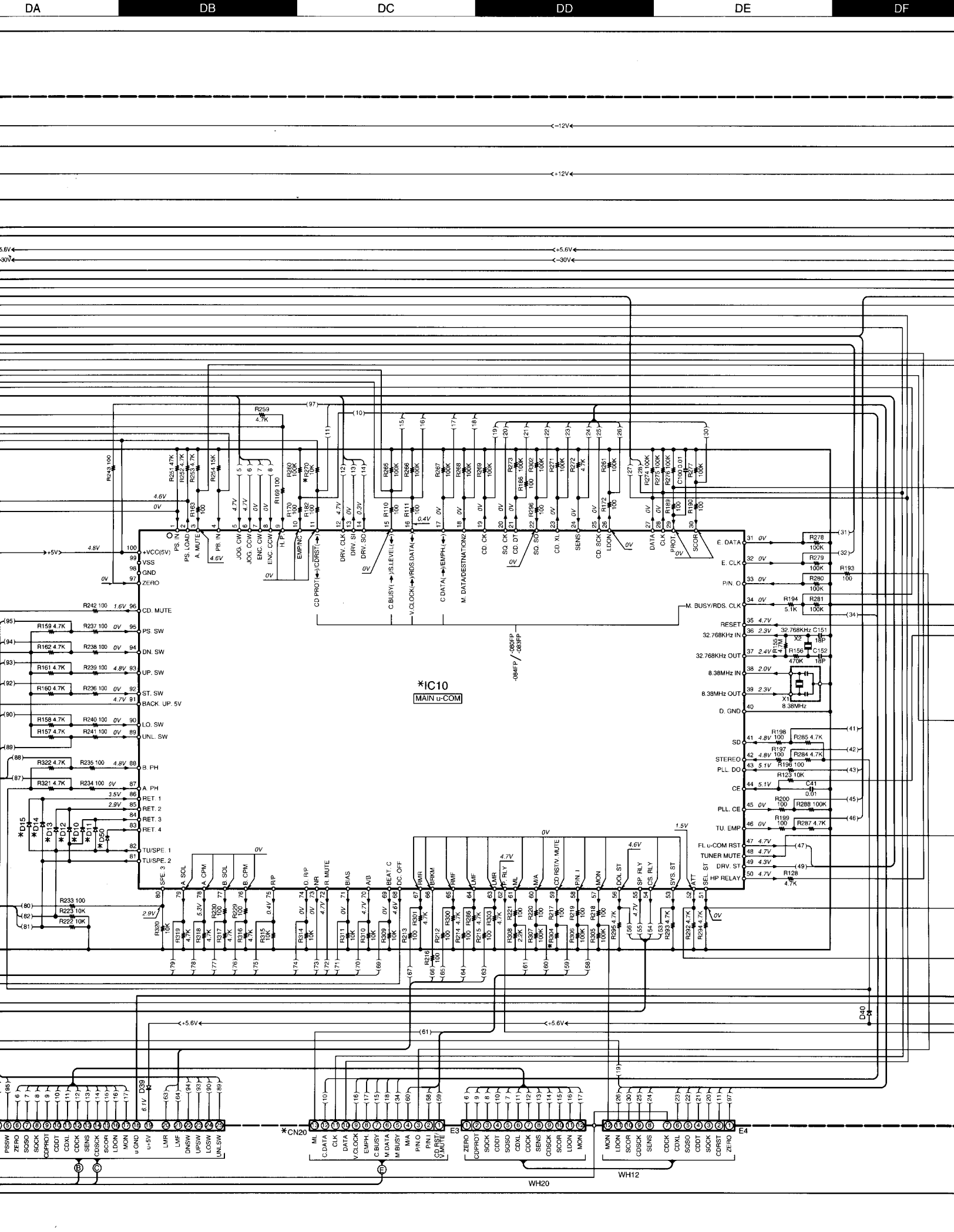
RXD-951/A700/A900/V616/V818/V919

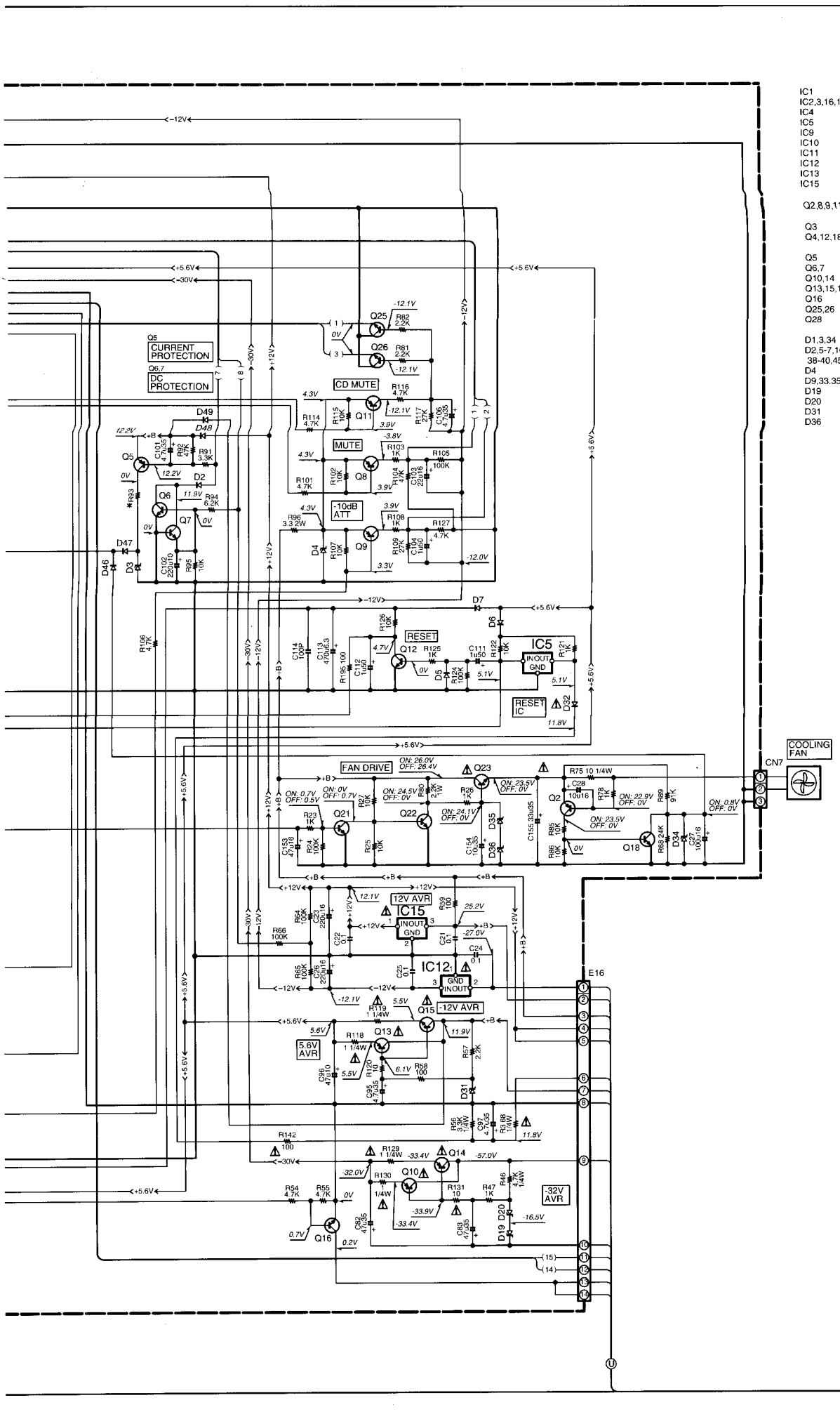
KENWOOD


AUDIO UNIT
(X09-601X-XX) (A/8) : RXD-V616/V818/V919/A700/A900/951/951E/951W
(X09-603X-XX) (A/8) : RXD-V616(V)/V818(V)/V919(V)
CN12
CN21
CN11
CN13
CN15
CN10
J1
J5
IC1
INPUT SELECTOR
IC2 (1/2)
IC2 (2/2)
IC19 (1/2)
IC19 (2/2)
IC9
SPECTRAM ANALYZER
IC13
INPUT LEVEL
AUX IN
AUX OUT
5V AVR
9V AVR
800mA 250V
WH15
E8
E15
E5
W269
F3
W4
W3
W5
WH11


*WH15
Rch IN
GND
Lch IN
Rch OUT
Lch OUT
Cch OUT
*E8
IC2 (1/2)
IC2 (2/2)
IC3 REC AMP
IC3 (1/2)
IC3 (2/2)
IC4 SRS TONES
SRS
TONE
IC16 (1/2)
IC16 (2/2)
IC17 (1/2)
IC17 (2/2)
L.P.F
+12V
-12V
+5.6V
-30V
-12.1V
12.0V
SEL A B C AOUT
0 X X X GND
1 0 0 0 GND
1 0 0 1 68Hz
1 0 1 0 170Hz
1 0 1 1 420Hz
1 1 0 0 1kHz
1 1 0 1 2.4kHz
1 1 1 0 5.9kHz
1 1 1 1 14.4kHz


-12V
+12V
+5.6V
-30V
*E9
MUTE
ATT
S.W.IN
Lch IN
A.GND
Rch IN
C.PROT.
D.PROT.
FAN CONTROL
SP.RLY
H.P.
HP RELAY
CS RELAY
*WH13
*E6
*E7
CLK
DATA
DOL.ST
E.DATA
E.CLK
*WH14
IC11
DUAL RDCLK
RDDATA
TS7
OSCO
VREF
MUX
VDDA
OSCI
VSSA
VDDD
CIN
VSSD
TEST
SCOUT
STLD
X3
4.332MHz
RDS DATA SYSTEM DEMODULATOR
D45
D21
D16
L2
10uH
L1
1uH
CN14
B.CPM
B.SOL
B.PH
A.PH
R/P
BEAT.C
A/B
BIAS
R.MUTE
DOLBY
D R/P
A.CPM
A.SOL
CDCK
PS LOAD
PS SIN
NC
Q28
Q29
CN19
RMR
BRKM
RMF
STSW
PSSW
ZERO
SQSO
SQCK
CDPROT
CDDT
CDXL
CDCK
SENS
CDSCK
SCOR
LDON
MON
u.GND
u.+5V
LMR
LMF
DNSW
+VCC(5V)
VSS
GND
ZERO
CD. MUTE
PS. SW
DN. SW
UP. SW
ST. SW
BACK. UP. 5V
LO. SW
UNL. SW
B. PH
A. PH
RET. 1
RET. 2
RET. 3
RET. 4
TU/SPE. 1
TU/SPE. 2
SPE. 3
A. SOL
PS IN
PS. LOAD
D39
6.1V


*IC10
MAIN u-COM
WH20
WH12
*CN20
E3
E4



IC1	: NJU7313AL
IC2,3,16,17,19	: NJM4565D-D
IC4	: M62430FP
IC5	: S-806D-Z
IC9	: BA3834SK
IC10	: *
IC11	: SAA6579/R or SAA6579
IC12	: TA79012SB
IC13	: TA7809SB
IC15	: TA78L012AP
Q2,8,9,11	: 2SA933AS(Q,R) or 2SA1175(F,E) or KTA1267(Y,GR)
Q3	: 2SD2061
Q4,12,18,20-22,27,29	: 2SC1740S(Q,R) or 2SC2785(F,E) or KTC3199(Y,GR)
Q5	: 2SA992(F,E)
Q6,7	: 2SC1845(F,E)
Q10,14	: 2SB1640 or 2SB1417(Q,P)
Q13,15,19,23	: 2SD2525 or 2SD2137(Q,P)
Q16	: 2SC2003(L,K)
Q25,26	: 2SC2878(B)
Q28	: DTC124ESA
D1,3,34	: MTZJ5.1(B) or HZS5.1N(B2)
D2,5-7,10-16,21,32, 38-40,45-50	: 1SS133 or HSS104A
D4	: MTZJ3.9(B) or HZS3.9N(B2)
D9,33,35	: MTZJ5.6(B) or HZS5.6N(B2)
D19	: MTZJ16(B) or HZS16N(B2)
D20	: MTZJ18(B) or HZS18N(B2)
D31	: MTZJ6.2(B) or HZS6.2N(B2)
D36	: MTZJ20(B) or HZS20N(B2)

X14-F/6 -CN3 9/9 Q

X14-A/6 -CN1 9/9 R

RXD-V616 (X09-60XX-XX)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11, 13-15	E6	E7-9, 15	CN12, 20	CN
COUNTRY	ABB										
GENERAL MARKET	M4	10-22	NO		YES	YES	NO	YES	NO	YES	
MALAYSIA	I4										
SHANGHAI	V4	32-12				NO					

RXD-V818 (X09-60XX-XX)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11, 13-15	E6	E7-9, 15	CN12, 20	CN
COUNTRY	ABB										
GENERAL MARKET	M3	10-21	NO		YES	YES	NO	YES	NO	YES	
MALAYSIA	I3										
SHANGHAI	V3	32-11				NO					

RXD-V919 (X09-60XX-XX)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11	WH13-15	E6-9, 15	CN12, 20
COUNTRY	ABB									
GENERAL MARKET	M2	10-20	NO		YES	YES	NO	YES	NO	YES
MALAYSIA	I2									
SHANGHAI	V2	32-10				NO				

RXD-A700 (X09-601X-XX)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11	WH13-15	E6, 15	E7-9	CN 20
COUNTRY	ABB										
U.S.A.	K2	0-12	NO				NO	YES	NO	YES	NO
CANADA	P2										
AUSTRALIA	X2	0-72									

RXD-A700E (X09-6012-72)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓚ	Ⓓ	WH11	WH13-15	E6, 15	E7-9	CN
COUNTRY	ABB										
EUROPE	E3	2-72	YES	NO	NO		NO	YES	NO	YES	

RXD-A700W (X09-6013-82)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓚ	Ⓓ	WH11, 13-15	E6	E7-9, 15	CN12,20, 31,32	
COUNTRY	ABB										
RUSSIA	Q2	3-82	YES	NO		YES	NO	YES	NO		M

RXD-A900 (X09-6010-11)

DESTINATION		UNIT No.	Ⓐ	Ⓓ	Ⓚ	Ⓑ	WH11	WH13-15	E6, 15	E7-9	CN
COUNTRY	ABB										
U.S.A.	K1	0-11	NO		YES	NO	YES	NO	YES	NO	
CANADA	P1										

RXD-951 (X09-601X-XX)

DESTINATION		UNIT No.	Ⓐ	Ⓚ	Ⓓ	WH11	WH13-15	E6, 15	E7-9	C
COUNTRY	ABB									
GENERAL MARKET	M1	0-23	NO	YES	NO	NO	YES	NO	YES	
MALAYSIA	I1									
PX	Y1									
GENERAL MARKET	M5	0-71								
AUSTRALIA	X1									
EUROPE	E1	2-71	YES							

RXD-951E (X09-6012-71)

DESTINATION		UNIT No.	Ⓐ	Ⓚ	Ⓓ	WH11	WH13-15	E6, 15	E7-9	C
COUNTRY	ABB									
EUROPE	E2	2-71	YES	NO	NO	YES	NO	YES		

RXD-951W (X09-6013-81)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓚ	Ⓓ	WH11, 13-15	E6	E7-9, 15	CN12,20, 31,32	
COUNTRY	ABB										
RUSSIA	Q1	3-81	YES		NO	YES	NO	YES	NO		M

X09-C/8 -CN5 8/9 U

X09-B/8 -CN24 8/9 T

X09-D/8 -CN8 8/9 S

: NJU7313AL
: NJM4565D-D
: M62430FP
: S-806D-Z
: BA3834SK
: ✱
: SAA6579/R or SAA6579
: TA79012SB
: TA7809SB
: TA78L012AP

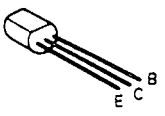
: 2SA933AS(Q,R) or 2SA1175(F,E) or KTA1267(Y,GR)
: 2SD2061
: 2SC1740S(Q,R) or 2SC2785(F,E) or KTC3199(Y,GR)
: 2SA992(F,E)
: 2SC1845(F,E)
: 2SB1640 or 2SB1417(Q,P)
: 2SD2525 or 2SD2137(Q,P)
: 2SC2003(L,K)
: 2SC2878(B)
: DTC124ESA

: MTZJ5.1(B) or HZS5.1N(B2)

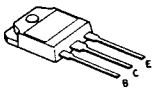
: 1SS133 or HSS104A
: MTZJ3.9(B) or HZS3.9N(B2)
: MTZJ5.6(B) or HZS5.6N(B2)
: MTZJ16(B) or HZS16N(B2)
: MTZJ18(B) or HZS18N(B2)
: MTZJ6.2(B) or HZS6.2N(B2)
: MTZJ20(B) or HZS20N(B2)

X14-F/6 -CN3 9/9 Q
X14-A/6 -CN1 9/9 R

2SA1286-T11
2SA954
2SA992
2SB764
2SC1845
2SC2003
2SC2878
2SC3246
2SC3940A



2SB1624



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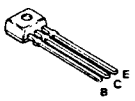

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DTC124ESA
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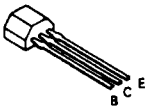

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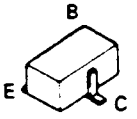
2SC2714
2SC3722K
2SC4081
2SD1819A
2SD2114K



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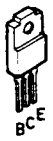

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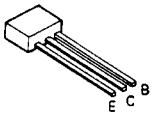

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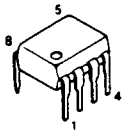
NJM4565D-D



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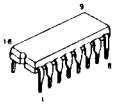

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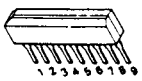
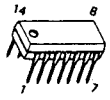


SAA6579/R



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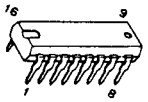

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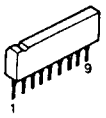

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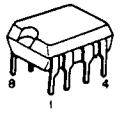


'616 (X09-60XX-XX)

TINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11, 13-15	E6	E7-9, 15	CN12, 20	CN31, 32	IC10	D10,13, 15,50	D11, 12,14	F3	R13, 14	R15, 16	R28,133, 134,270	R93	R97, 98	R145	R304	R331, 332	R527, 528	C6,57 58	C7	C45, 46	C73,74, 159,160	W3-5 269
NTRY	ABB																											
L MARKET	M4	10-22	NO	YES	YES	NO	YES	NO	YES	NO	M38199MF -084FP	NO	YES	NO	10K	910	NO	10K	YES	470K	4.7K	YES	560	1000P	0.22	0.056	NO	YES
AYSIA	I4				NO										100	100K			NO									
NGHAI	V4	32-12																										

'818 (X09-60XX-XX)

TINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11, 13-15	E6	E7-9, 15	CN12, 20	CN31, 32	IC10	D10,11, 13,50	D12 14,15	F3	R13, 14	R15, 16	R28,133, 134,270	R93	R97, 98	R145	R304	R331, 332	R527, 528	C6,7	C45, 46	C57, 58	C73,74, 159,160	W3-5, 269
NTRY	ABB																											
L MARKET	M3	10-21	NO	YES	YES	NO	YES	NO	YES	NO	M38199MF -084FP	NO	YES	NO	10K	910	NO	10K	YES	470K	4.7K	YES	10K	10u50	0.1	3300P	NO	YES
AYSIA	I3				NO										100	100K			NO									
NGHAI	V3	32-11																										

'919 (X09-60XX-XX)

TINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11	WH13-15	E6-9, 15	CN12, 20	CN31, 32	IC10	D10,11, 13,15	D12-14	F3	R13, 14	R15, 16	R28, 133,134	R93	R97, 98	R145	R270, 331,332	R304	R527, 528	C6,7	C45, 46	C57, 58	C73,74, 159,160	W3-5, 269
NTRY	ABB																												
L MARKET	M2	10-20	NO	YES	YES	NO	YES	NO	YES	NO	M38199MF -084FP	NO	YES	NO	10K	100K	YES	10K	YES	56K	NO	4.7K	10K	10u50	0.1	3300P	NO	YES
AYSIA	I2				NO										100				NO										
NGHAI	V2	32-10																											

'700 (X09-601X-XX)

TINATION		UNIT No.	Ⓐ	Ⓑ	Ⓓ	Ⓚ	WH11	WH13-15	E6, 15	E7-9	CN12, 20	CN31, 32	IC10	D10,11, 13,15	D12, 14	D50	F3	R13, 14	R15,16 304	R28,97,98 331,332	R93	R133, 134,270	R145	R527, 528	C6,57 58	C7	C45, 46	C73,74, 159,160	W3-5	W269
S.A	K2	0-12	NO		NO		YES		NO	YES	NO	YES	M38199MF -080FP	NO	NO	YES	YES	100	100K	NO	1K	YES	56K	560	1000P	0.22	0.056	NO	YES	NO
NADA	P2											NO			YES		NO													
RALIA	X2	0-72																												YES

'700E (X09-6012-72)

TINATION		UNIT No.	Ⓐ	Ⓔ	Ⓚ	Ⓓ	WH11	WH13-15	E6, 15	E7-9	CN12,20, 31,32	IC10	D10, 14,50	D11-13 15	F3	R13, 14	R15,16 304	R28,97,98 331,332	R93	R133, 134,270	R145	R527, 528	C7	C45, 46	C6, 57,58	C73,74, 159,160	W3-5, 269
NTRY	ABB																										
ROPE	E3	2-72	YES	NO	NO	YES	NO	YES	NO	YES	NO	M38199MF -083FP	YES	NO	NO	100	100K	NO	1K	YES	56K	560	0.22	0.056	1000P	YES	YES

'700W (X09-6013-82)

TINATION		UNIT No.	Ⓐ	Ⓔ	Ⓚ	Ⓓ	WH11, 13-15	E6	E7-9, 15	CN12,20, 31,32	IC10	D10,12, 14,50	D11,13 15	F3	R13, 14	R15,16 304	R28,97,98 331,332	R93	R133, 134,270	R145	R527, 528	C6,57, 58	C7	C45, 46	C73,74, 159,160	W3-5	W269
SSIA	Q2	3-82	YES	NO		YES	NO	YES		NO	M38199MF -083FP	YES	NO	NO	100	100K	NO	1K	YES	56K	560	1000P	0.22	0.056	YES	NO	YES

'900 (X09-6010-11)

TINATION		UNIT No.	Ⓐ	Ⓓ	Ⓚ	Ⓑ	WH11	WH13-15	E6, 15	E7-9	CN12, 20	CN31, 32	IC10	D10-14, 90	D15	F3	R13,14,93, 527,528	R15,16 304	R28,133, 134,270	R97,98, 331,332	R145	C6,7	C45, 46	C57, 58	C73,74, 159,160	W3-5	W269
NTRY	ABB																										
S.A	K1	0-11	NO		YES	NO	YES		NO	YES	NO	YES	M38199MF -083FP	NO	YES	YES	10K	100K	YES	NO	56K	10u50	0.1	3300P	NO	YES	NO
NADA	P1																										

51 (X09-601X-XX)

TINATION		UNIT No.	Ⓐ	Ⓑ	Ⓚ	Ⓓ	WH11	WH13-15	E6, 15	E7-9	CN12	CN20, 31,32	IC10	D10	D11, 13,50	D12	D14, 15	F3	R13,14,93, 527,528	R15,16 304	R28,97,98, 133,134,270	R145	R331, 332	C6,7	C45, 46	C57, 58	C73,74, 159,160	W3-5 269
NTRY	ABB																											
L MARKET	M1																											
AYSIA	I1	0-23	NO	YES	NO	NO	YES	NO	YES	YES	NO	M38199MF -083FP	NO	NO	YES	YES	NO	10K	100K	YES	56K	NO	10u50	0.1	3300P	NO	YES	
TX	Y1									NO			YES		NO											YES		
L MARKET	M5																											
RALIA	X1	0-71																										
ROPE	E1	2-71	YES																									

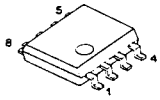
51E (X09-6012-71)

TINATION		UNIT No.	Ⓐ	Ⓑ	Ⓚ	Ⓒ	WH11	WH13-15	E6, 15	E7-9	CN12,20, 31,32	IC10	D10, 14,15	D11-13 90	F3	R13,14,93, 527,528	R15,16 304	R28,97,98, 133,134,270	R145	R331, 332	C6,7	C45, 46	C57, 58	C73,74, 159,160	W3-5	W269
NTRY	ABB																									
ROPE	E2	2-71	YES		NO	NO	NO	YES	NO	YES	NO	M38199MF -083FP	YES	NO	NO	10K	100K	YES	56K	NO	10u50	0.1	3300P	YES	NO	YES

51W (X09-6013-81)

TINATION		UNIT No.	Ⓐ	Ⓑ	Ⓚ	Ⓓ	WH11, 13-15	E6	E7-9, 15	CN12,20, 31,32	IC10	D10,12, 14,15	D11,13 50	F3	R13,14,93, 527,528	R15,16 304	R28,97,98, 133,134,270	R145	R331, 332	C6,7	C45, 46	C57, 58	C73,74, 159,160	W3-5	W269
NTRY	ABB																								
SSIA	Q1	3-81	YES		NO	YES	NO	YES	NO	YES	NO	M38199MF -083FP	YES	NO	NO	10K	100K	YES	56K	NO	10u50	0.1	3300P	YES	NO	YES

NJM2904M



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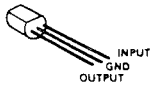

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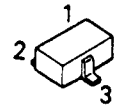

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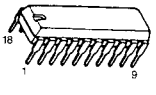

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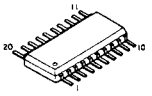

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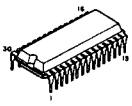

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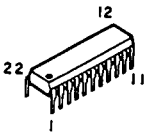

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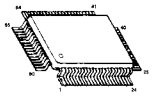

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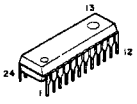

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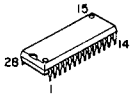

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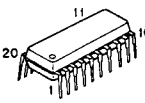

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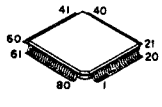

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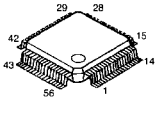

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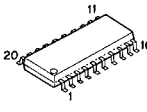

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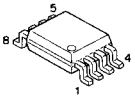

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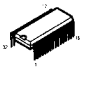


X09-C/8 -CN5 8/9 U
X09-B/8 -CN24 8/9 T
X09-D/8 -CN8 8/9 S

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage dur ing PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

RXD-A700/A900 (7/9)
RXD-951/951E/951W (7/9)
RXD-V616/V818/V919 (7/9)

Y39-2950-10

RXD-951/A700/A900/V616/V818/V9

KENWOOD

IC21	1	2	3	4	5	6	7	8	9-11	12-15	16	17	18,19	20	21,22	23,24	25	26
SKT401-030K	58.0V	0V	26.1V	26.6V	18.0V	-19.1V	-27.2V	-58.3V	-26.6V	0V	-54.0V	54.2V	0V	-52.6V	0V	0V	-26.6V	0V
SKT407-710K	50.0V	0V	50.0V	0V	0V	0V	0V	-50.3V	-50.3V	0V	-49.0V	49.0V	0V	-47.7V	0V	N/C	N/C	N/C

D22,23	Ⓐ	Ⓑ	Ⓒ	Ⓓ
RXD-A700	45.9V	-46.0V	26.9V	-27.6V
RXD-V616	57.3V	-57.4V	25.9V	-26.3V
OTHER	57.3V	-57.6V	26.4V	-27.0V

RXD-V616 (X09-60X

DESTINATION	
COUNTRY	ABB.
GENERAL MARKET	M4
MALAYSIA	I4
SHANGHAI	V4

RXD-V818 (X09-60X

DESTINATION	
COUNTRY	ABB.
GENERAL MARKET	M3
MALAYSIA	I3
SHANGHAI	V3

(X09-601X-XX) (C/8) : RXD-V616(M4,I4)/V818(M3,I3)
(X09-603X-XX) (C/8) : RXD-V616(V4)/V818(V3)

X08-A/3 -CN5 6/9 O
X09-A/8 -E16 7/9 U
X09-A/8 -E6 7/9 T
X08-A/3 -CN4 6/9 P
X09-A/8 -E5 7/9 S

POWER IC (FRONT L,Rch, SUB WOOFER ch)
*IC21 ⚠
STK401-030K
STK407-710K
3 OUT -V 3 IN 3 NF 2 IN 2 NF MUTE 1 NF 1 IN +V(PRE) -V(PRE) 2 OUT 1 OUT NC SUB GND -V -V -VOUT -VH -VL -ZD +ZD +VL +VOUT GND +VH
26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
*W201
*W47
Q24 49.5V 50.0V R554 10K R552 12K C506 22u35
D510 D509 D101
Q504 R567 3.9K R576 47K R577 4.7K R556 3K
*C511 10P *R545 56K *C533 100u10 *R549 330 C531 100u10 R529 430 C532 100u10 R530 430 R582 33K
*C537 *C538 *C535 *C536 *R565 220 1/4W *R566
*C509 10P *R525 56K *R526 56K
R531 0.1 2W R532 0.1 2W
C510 0.01
WH9 CN24
MUTE ATT S.W. IN Lch IN A GND Rch IN CURRENT PROTECTION DC PROTECTION FAN CONTROL SP.RLY H.P. HP RELAY
R501 3.3K R507 2.2K *C501 R503 1.5K R505 2.2K R509 2.2K R579 470K R511 58K C503 47P Q501 Q505
R506 2.2K R510 2.2K R502 3.3K R504 1.5K R508 2.2K R580 470K *C502 R512 58K C504 47P Q502 Q506
R513 3.3K R519 2.2K C505 2.2u50 R517 1.5K R515 2.2K R521 2.2K R581 470K R523 56K C507 47P Q503 Q507
Q501-503 ATT Q505-507 MUTE
R533 3.3K R534 3.3K R535 4.7K R536 4.7K C513 4700P C514 4700P Q509 Q510
R551 0.1 2W R553 3.3K R555 4.7K C515 4700P Q511
R537 1K R538 1K R557 1K C80 0.01
13.0V 12.1V

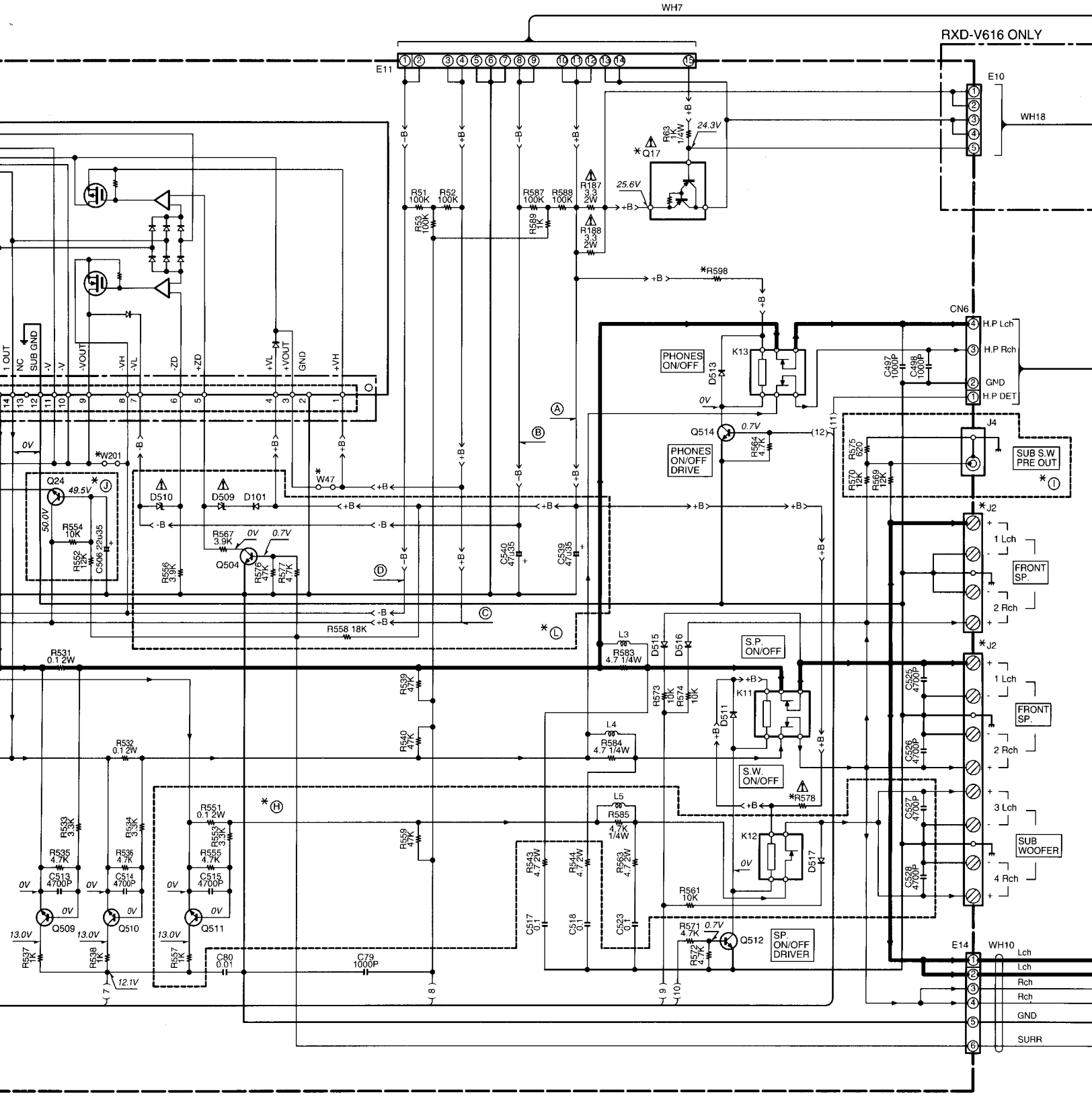
25	26
-26.6V	0V
N/C	N/C

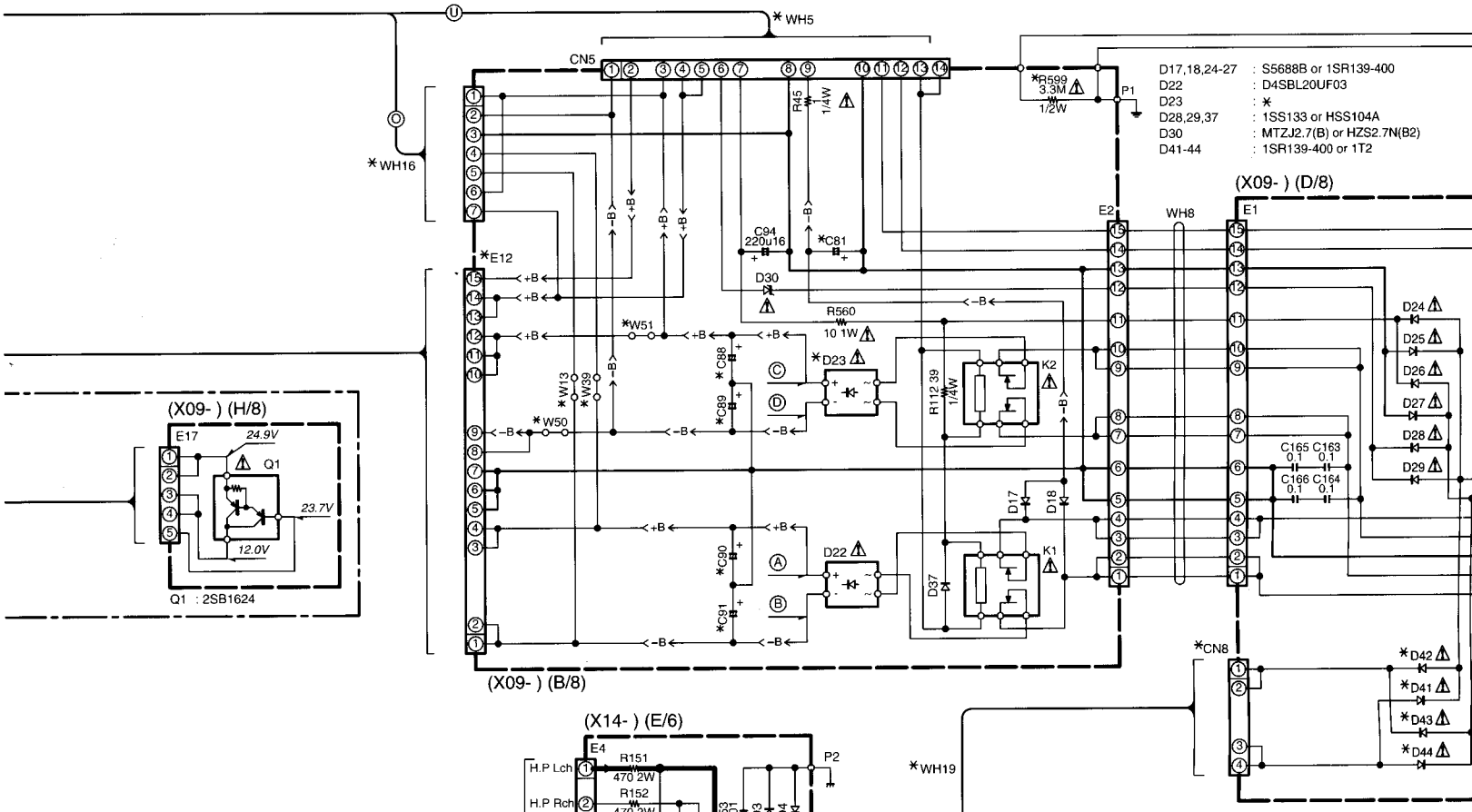
RXD-V616 (X09-60XX-XX)

DESTINATION		UNIT No.	ⓘ ⓙ	ⓖ ⓗ ⓛ	IC21	J2	Q17	R545, 549,565	R566	R578, 598	C501, 502	C511, 533	C535-538	W47 201
COUNTRY	ABB.													
GENERAL MARKET	M4	10-22	YES	NO	STK407-710K	4P	NO	NO	100 1/4W	47 2W	2.2u50	NO	10u63	YES
MALAYSIA	I4													
SHANGHAI	V4	32-12												

RXD-V818 (X09-60XX-XX)

DESTINATION		UNIT No.	ⓘ ⓙ	ⓖ ⓗ ⓛ	IC21	J2	Q17	R545,549, 565	R566	R578, 598	C501, 502	C511, 533	C535-538	W47, 201
COUNTRY	ABB.													
GENERAL MARKET	M3	10-21	NO	YES	STK410-030K	8P	YES	YES	200 1/4W	100 2W	0.056u50	YES	10u100	NO
MALAYSIA	I3													
SHANGHAI	V3	32-11												





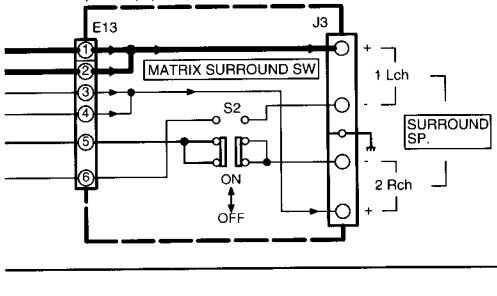
IC21 : *

Q17 : 2SB1624
Q24 : 2SD2525 or 2SD2137(Q,P)
Q501-503,505-507 : 2SC2878(B)
Q509-511 : 2SC1845(F,E)
Q504,512,514 : 2SC1740S(Q,R) or KTC3199(Y,GR) or 2SC2785(F,E)

D101,511,513 : 1SS133 or HSS104A
D509,510,515-517 : MTZJ8.2(B) or HZS8.2N(B2)

SIGNAL LINE
GND LINE
+B LINE
-B LINE

USED
RXD-V616/V818
(X09-) (G/8)



RXD-V616 (X09-60XX-XX)

DESTINATION		UNIT No.	WH1-4	WH5	WH6, 16	WH19	E12	CN3,4	CN8	S
COUNTRY	ABB.									
GENERAL MARKET	M4	10-22	YES	14P L=390MM	NO	YES	YES	YES	YES	Y
MALAYSIA	I4							NO		N
SHANGHAI	V4	32-12	NO							

RXD-V818 (X09-60XX-XX)

DESTINATION		UNIT No.	WH1-4	WH5	WH6, 16	WH19	E12	CN3,4	CN8	S1
COUNTRY	ABB.									
GENERAL MARKET	M3	10-21	YES	14P L=390MM	NO	YES	YES	YES	YES	YES
MALAYSIA	I3							NO		NO
SHANGHAI	V3	32-11	NO							

RXD-V919 (X09-60XX-XX)

DESTINATION		UNIT No.	WH1-4	WH5	WH6	WH16, 19	E12	CN3,4	CN8	S
COUNTRY	ABB.									
GENERAL MARKET	M2	10-20	YES	14P L=580MM	NO	YES	NO	YES	YES	Y
MALAYSIA	I2							NO		N
SHANGHAI	V2	32-10	NO							

RXD-A700 (X09-601X-XX)

DESTINATION		UNIT No.	WH1-4, 19	WH5	WH6	WH16	E12	CN3 4,8	S1	D2
COUNTRY	ABB									
U.S.A.	K2	0-12	NO	14P L=580MM	YES	YES	NO	NO	NO	RBV-60
CANADA	P2				NO					
AUSTRALIA	X2	0-72								

RXD-A700E (X09-6012-72)

DESTINATION		UNIT No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23
COUNTRY	ABB								
EUROPE	E3	2-72	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA

RXD-A700W (X09-6013-82)

DESTINATION		UNIT No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23
COUNTRY	ABB								
RUSSIA	Q2	3-82	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA

RXD-A900 (X09-601X-XX)

DESTINATION		UNIT No.	WH1-4, 19	WH5	WH6, 16	E12	CN3 4,8	S1	D23
COUNTRY	ABB.								
U.S.A.	K1	0-11	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA
CANADA	P1								

RXD-951 (X09-601X-XX)

DESTINATION		UNIT No.	WH1-4	WH5	WH6, 19	WH16	E12	CN3,4	CN8
COUNTRY	ABB.								
GENERAL MARKET	M1	0-23	YES	14P L=580MM	NO	YES	NO	YES	NO
MALAYSIA	I1								
PX	Y1								
GENERAL MARKET	M5								
AUSTRALIA	X1	0-71	NO					NO	
EUROPE	E1	2-71							

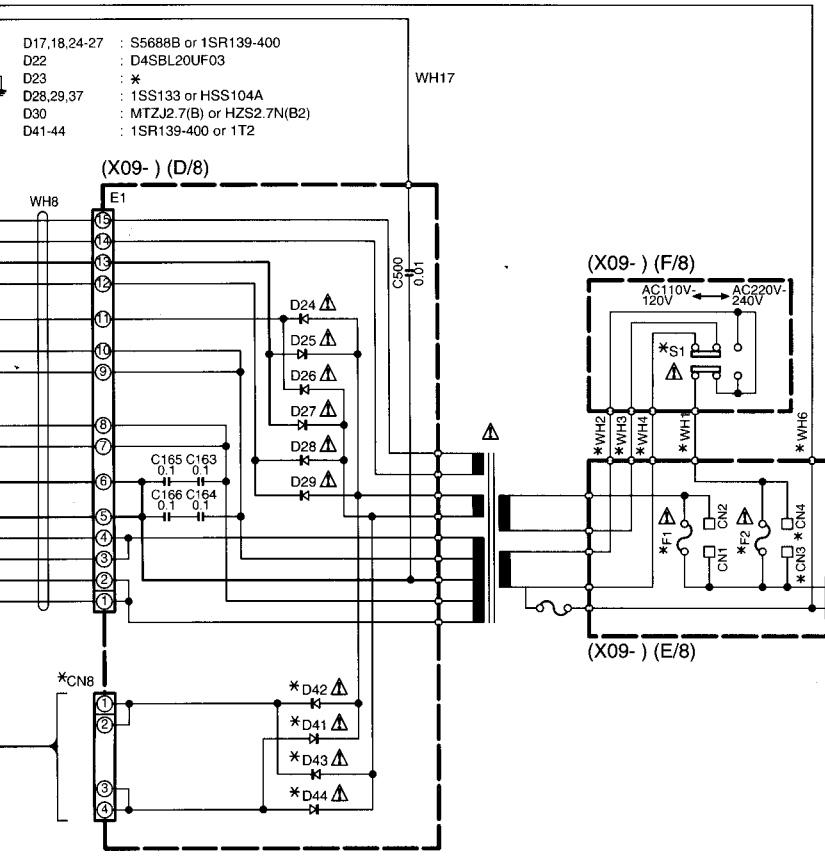
RXD-951E (X09-601X-XX)

DESTINATION		UNIT No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23
COUNTRY	ABB								
EUROPE	E2	2-71	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LF

RXD-951W (X09-601X-XX)

DESTINATION		UNIT No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23
COUNTRY	ABB.								
RUSSIA	Q1	3-81	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LF

RXD-A70
RXD-951
RXD-V61



(J) : AC100V 50/60Hz
(K,P) : AC120V 60Hz
(Y,M) : AC110-120V/220-240V~ 50/60Hz
(Q) : AC220V~ 50Hz
(X) : AC240V~ 50Hz
(T,E,E2) : AC230V~ 50Hz

CAUTION: *For continued safety, replace safety critical components onl with manufacturer's recommended parts (refer to parts list). ⚠ indicate safety critical components. For continued protection against risk of fire replace only with same type and rating fuse(s). To reduce the risk of electri shock, leakage-current or resistance measurements shall be carried ou (exposed parts are acceptably insulated from the supply circuit) before th appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance typ voltmeter. The measurement value may vary depending on the measurin instruments used or on the product. Refer to the voltage dur ing PLA unless otherwise specified; The value shown in ( ) is the voltage measure at the moment of STOP.

X)

No.	WH1-4	WH5	WH6, 16	WH19	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
22	YES	14P L=390MM	NO	YES	YES	YES	YES	YES	D4SBL20UFO3	YES	250V T 2AL	250V T 2AL	NO	100u63	2200u35	4700u63	NO	YES
12	NO					NO		NO			250V T 2A	NO						

X)

No.	WH1-4	WH5	WH6, 16	WH19	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
21	YES	14P L=390MM	NO	YES	YES	YES	YES	YES	D4SBL20UFO3	YES	250V T 3.15AL	250V T 3.15AL	NO	100u100	4700u35	4700u75	NO	YES
11	NO					NO		NO			250V T 3.15A	NO						

X)

No.	WH1-4	WH5	WH6	WH16, 19	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
20	YES	14P L=580MM	NO	YES	NO	YES	YES	YES	RBV-602LFA	YES	250V T 4AL	250V T 4AL	NO	100u100	4700u35	4700u75	YES	NO
10	NO					NO		NO			250V T 4A	NO						

X)

No.	WH1-4, 19	WH5	WH6	WH16	E12	CN3 4,8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
2	NO	14P L=580MM	YES	YES	NO	NO	NO	RBV-602LFA	NO	125V 6.3A	NO	YES	100u63	2200u35	4700u63	YES	NO
2			NO							250V T 3.15AL		NO					

?2)

No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
2	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA	NO	250V T 3.15AL	NO	NO	100u63	2200u35	4700u63	YES	NO

82)

No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
2	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA	NO	250V T 3.15AL	NO	NO	100u63	2200u35	4700u63	YES	NO

X)

No.	WH1-4, 19	WH5	WH6, 16	E12	CN3 4,8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
1	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA	NO	125V 10A	NO	YES	100u100	4700u35	4700u75	YES	NO

No.	WH1-4	WH5	WH6, 19	WH16	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
3	YES	14P L=580MM	NO	YES	NO	YES	NO	YES	RBV-602LFA	NO	250V T 4AL	250V T 4AL	NO	100u100	4700u35	4700u75	YES	NO
1	NO					NO		NO				NO						

X)

No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
1	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA	NO	250V T 4AL	NO	NO	100u100	4700u35	4700u75	YES	NO

X)

No.	WH1-4, 6,19	WH5	WH16	E12	CN3, 4,8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50 51
1	NO	14P L=580MM	YES	NO	NO	NO	RBV-602LFA	NO	250V T 4AL	NO	NO	100u100	4700u35	4700u75	YES	NO

RXD-A700/A900 (8/9)
RXD-951/9541E/951W (8/9)
RXD-V616/V818/V919 (8/9)

Y39-2950-10

RXD-951/A700/A900/V616/V818/V9

KENWOOD

RXD-V616 (X14-48XX-XX)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓔ	Ⓓ	R32,33, 254-258
COUNTRY	ABB.				
GENERAL MARKET	M4	10-22	YES	NO	NO
MALAYSIA	I4				
SHANGHAI	V4	52-12			

RXD-V818 (X14-48XX-XX)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓒ Ⓓ	Ⓔ	R32, 33	R
COUNTRY	ABB.					
GENERAL MARKET	M3	10-23	YES	NO	NO	
MALAYSIA	I3					
SHANGHAI	V3	52-11				

(X14-) (F/6) *Ⓐ

MIC VOL. VR1 100Kx2(C)

MIC AMP IC101 (1/2) (2/2)

CN3 +12V SIGNAL GND SIGNAL -12V

X09-A/8 -CN12 7/9 Q

J1 MIC1 J2 MIC2 P1

*Ⓑ

IC102 KARAOKE ECHO

OSC COUNTER SRAM A/D D/A MIX

Q101 Q102 Q103 Q101-103 ECHO LEVEL CONTROL

E5 WH3 E3 ECHO MUTE ECHO-1 ECHO-2 ECHO-3

DISPLAY UNIT (X14-48XX-XX) (A/6)

SEG14 SEG15 SEG16 NC VDD ECHO MUTE ECHO1 ECHO2 ECHO3 LED EQ VSS DRIVER STB REM IN NC NC AVREF AVDD A/D0 A/D1 A/D2 A/D3 A/D4 A/D5 A/D6

I/ ⏻ ON/STANDBY S2

(X14-) (B/6)

MULTI CONTROL S45

RXD-V616/V818 SOUND OTHER SET LISTEN MODE SRS 3D DUBBING CD PGM

TIMER MODE /DEMO S16 S15 S21 S20 S19 S18 S17

SRS 3D ENTER S26 LED DRIVE Q11,12 Q11 Q12

E9 WH5 E8 D.GND A/D2 LED SOUND +5V LED SRS A/D3 A/D1 JOG2 JOG1

RXD-V616/V818/V919 KARAOKE EXCEPT RXD-V616/V818 OTHER INPUT DISPLAY SOUND EX BASS AUTO BAND TUNING TUNING S14 S13 S12 S11 S25 S24 S23 S22

X09-A/8 -CN21 7/9 R

RXD-V616 (X14-48XX-XX)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓔ	Ⓓ	R32,33, 254-258	D6,7 33-37	D20,21, 31,32	D30	S12	W2,34
COUNTRY	ABB.									
GENERAL MARKET	M4	10-22	YES	NO	NO	NO	B30-2508-05 (AMB)	B30-2535-05 (ORG)	NO	YES
MALAYSIA	I4									
SHANGHAI	V4	52-12								

RXD-V919 (X14-48XX-XX)

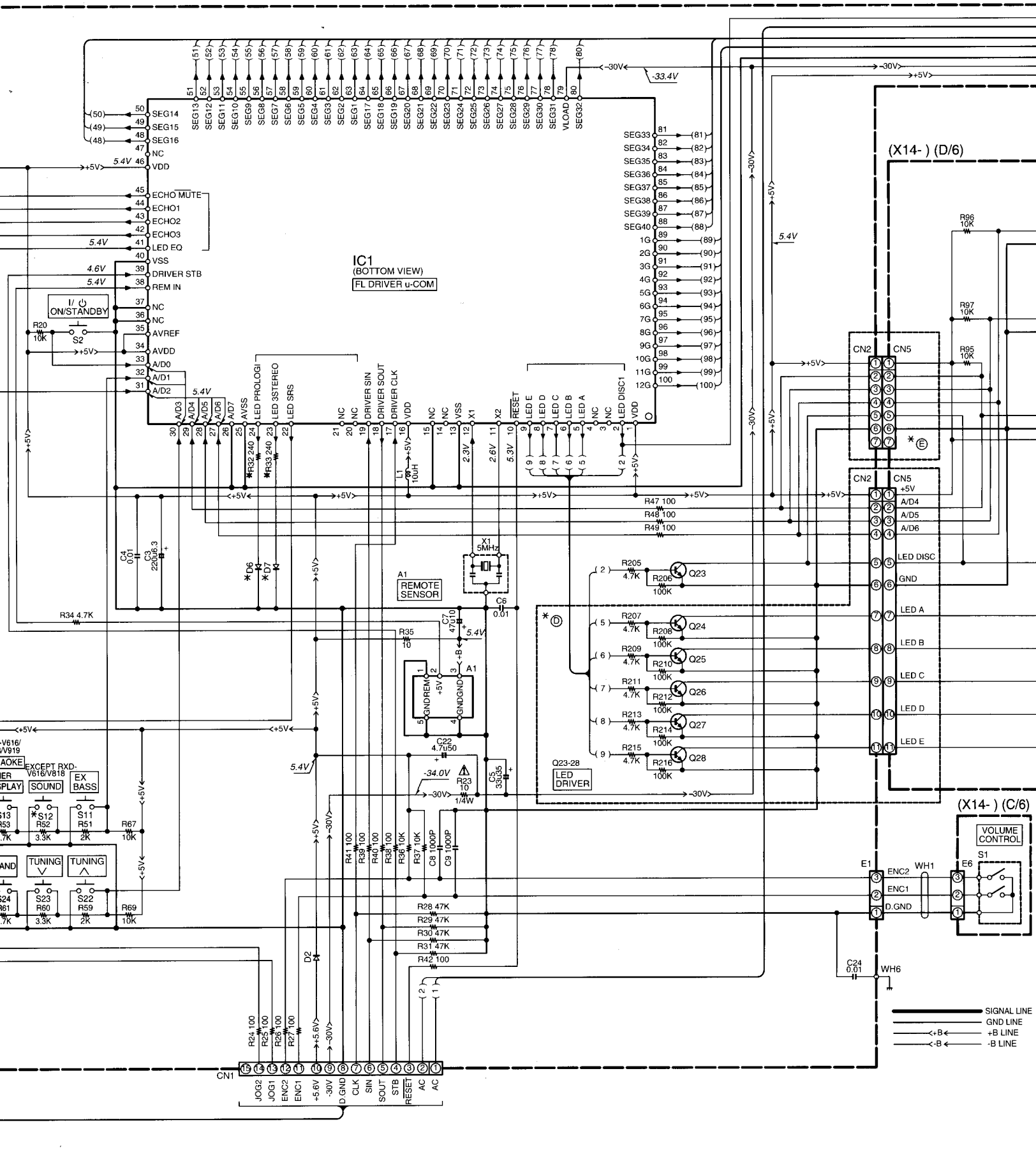
DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓓ	Ⓔ	R32,33, 254-258	D6,7	D20,21, 31-37	D30	S12	W2,34
COUNTRY	ABB.									
GENERAL MARKET	M2	10-24	YES	NO	YES	B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	YES	NO
MALAYSIA	I2									
SHANGHAI	V2	52-10								

RXD-V818 (X14-48XX-XX)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓓ	Ⓔ	R32, 33	R254-258	D6,7	D20,21, 31-37	D30	S12	W2,34
COUNTRY	ABB.										
GENERAL MARKET	M3	10-23	YES	NO	NO	YES	NO	B30-2508-05 (AMB)	B30-2535-05 (ORG)	NO	NO
MALAYSIA	I3										
SHANGHAI	V3	52-11									

RXD-A700 (X14-4810-10)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓓ	Ⓔ	R32, 33	R254-258	D6,7	D20,21, 31,32	D30	D33-37	S12	W2,34
COUNTRY	ABB.											
U.S.A.	K2	0-10	NO	YES	YES	NO	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	NO	YES	YES
CANADA	P2											
AUSTRALIA	X2											



EU | EV | EW | EX | EY

RXD-A700E (X14-4810-10)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓓ	Ⓔ	R32, 33	R254-258	D6,7	D20,21, 31,32	D30	D33-37	S12	W2.34
COUNTRY	ABB											
EUROPE	E3	0-10	NO	YES	YES	NO	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	NO	YES	YES

RXD-A700W (X14-4810-10)

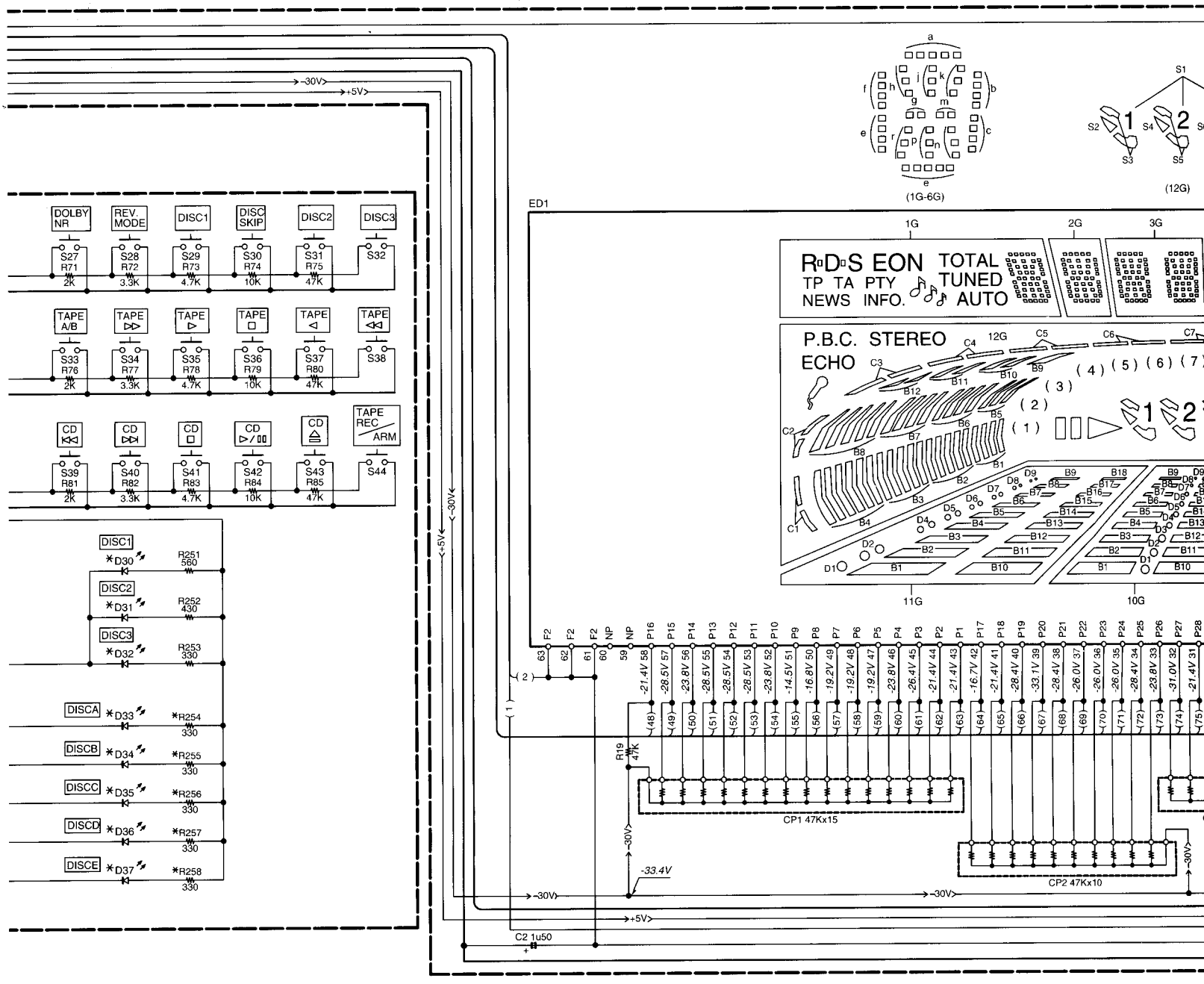
DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓓ	Ⓔ	R32, 33	R254-258	D6,7	D20,21, 31,32	D30	D33-37	S12	W2.34
COUNTRY	ABB											
RUSSIA	Q2	0-10	NO	YES	YES	NO	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	NO	YES	YES

RXD-A900 (X14-4812-71)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓔ	Ⓓ	R32,33, 254-258	D6,7	D20,21, 31-37	D30
COUNTRY	ABB.							
U.S.A.	K1	2-71	NO	YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)
CANADA	P1							

RXD-951E (X14-4812-71)

DESTINATION		UNIT No.	Ⓐ Ⓑ Ⓔ	Ⓓ	R32,33, 254-258	D6,7	D20,21, 31-37	D30
COUNTRY	ABB.							
EUROPE	E2	2-71	NO	YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)



IC1	: uPD780204-038
IC101	: NJM4565D-D
IC102	: BU9253AS
Q1-8,12,23-28	: KTC3199(Y,GR) or 2SC1740S(Q,R)
Q9	: 2SC2003(L,K)
Q10,11,101-103	: KTA1267(Y,GR) or 2SA933AS(Q,R)
ED1	: BJ594GK
D1,5	: HZS6.8N(B) or MTZJ6.8
D2	: S5688B
D3,4,101,102	: HSS104A or 1SS133
D6,7,20,21,30-37	: ✻
D103-106	: HZS5.6N(B) or MTZJ5.6
D107	: HZS4.7N(B) or MTZJ4.7
D108,109	: HZS2.0N(B2) or MTZJ2.0(B)

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	12G
P1	a	a	1a	1a	1a	1a	B1	B1	B1	B1	B1	B1
P2	h	h	1h	1h	1h	1h	B2	B2	B2	B2	B2	B2
P3	j	j	1j	1j	1j	1j	B3	B3	B3	B3	B3	B3
P4	k	k	1k	1k	1k	1k	B4	B4	B4	B4	B4	B4
P5	b	b	1b	1b	1b	1b	B5	B5	B5	B5	B5	B5
P6	f	f	1f	1f	1f	1f	B6	B6	B6	B6	B6	B6
P7	m	m	1m	1m	1m	1m	B7	B7	B7	B7	B7	B7
P8	g	g	1g	1g	1g	1g	B8	B8	B8	B8	B8	B8
P9	c	c	1c	1c	1c	1c	B9	B9	B9	B9	B9	B9
P10	e	e	1e	1e	1e	1e	B10	B10	B10	B10	B10	B10
P11	r	r	1r	1r	1r	1r	B11	B11	B11	B11	B11	B11
P12	p	p	1p	1p	1p	1p	B12	B12	B12	B12	B12	B12
P13	n	n	1n	1n	1n	1n	C1	B13	B13	B13	B13	C1
P14	d	d	1d	1d	1d	1d	C2	B14	B14	B14	B14	C2
P15	R·D·S	-	-	-	-	col	C3	B15	B15	B15	B15	C3
P16	EON	-	-	-	-	Dp	C4	B16	B16	B16	B16	C4
P17	TP	-	2a	2a	2a	2a	C5	B17	B17	B17	B17	C5
P18	TA	-	2h	2h	2h	2h	C6	B18	B18	B18	B18	C6
P19	PTY	-	2j	2j	2j	2j	C7	-	B19	-	-	C7
P20	NEWS	-	2k	2k	2k	2k	(9)	-	B20	-	-	(1)
P21	INFO.	-	2b	2b	2b	2b	(10)	-	B21	-	-	(2)
P22	TOTAL	-	2f	2f	2f	2f	(11)	-	B22	-	-	(3)
P23	TUNED	-	2m	2m	2m	2m	(12)	-	B23	-	-	(4)

P24	AU
P25	♪(U
P26	♪(M
P27	♪(LC
P28	
P29	
P30	
P31	
P32	
P33	
P34	
P35	
P36	
P37	
P38	
P39	
P40	

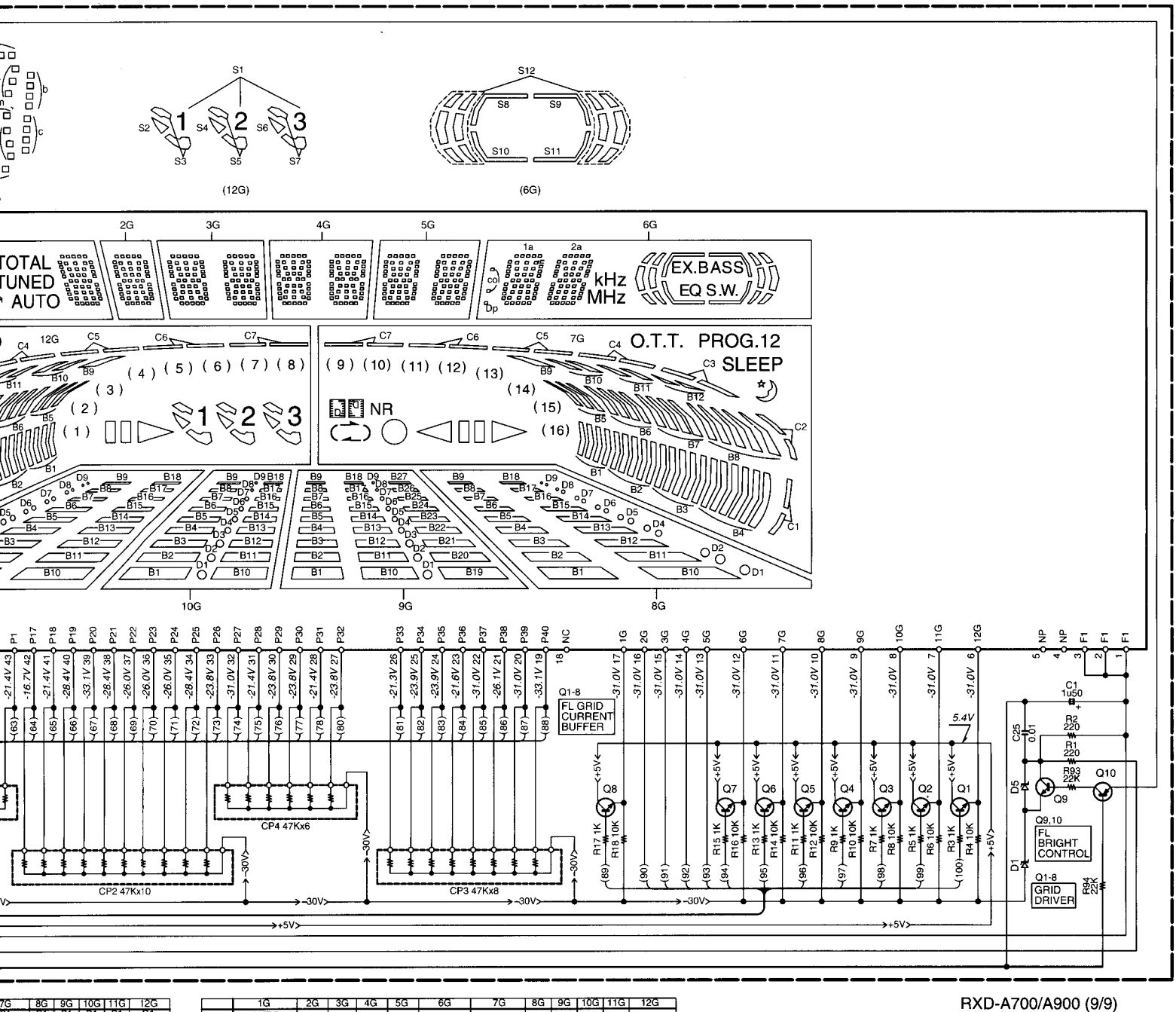
CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

RXD-951W (X14-4812-71)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓔ	Ⓓ	R32,33, 254-258	D6,7	D20,21, 31-37	D30	S12	W2,34
COUNTRY	ABB.											
RUSSIA	Q1	2-71	NO			YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	YES	NO

RXD-951 (X14-481X-XX)

DESTINATION		UNIT No.	Ⓐ	Ⓑ	Ⓔ	Ⓓ	R32,33, 254-258	D6,7	D20,21, 31-37	D30	S12	W2,34
COUNTRY	ABB.											
GENERAL MARKET	M1	0-21	YES	NO		YES	YES	B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	YES	NO
GENERAL MARKET	M5											
MALAYSIA	I1											
PX	Y1											
AUSTRAKIA	X1											
EUROPE	E1	2-71	NO						B30-2468-05 (GRN)	B30-2534-05 (GRN)		



	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	12G
P24	AUTO	-	2g	2g	2g	2g	(13)	-	B24	-	-	(5)
P25	♪(UPER)	-	2c	2c	2c	2c	(14)	-	B25	-	-	(6)
P26	♪(MIDDLE)	-	2e	2e	2e	2e	(15)	-	B26	-	-	(7)
P27	♪(LOWER)	-	2r	2r	2r	2r	(16)	-	B27	-	-	(8)
P28	-	-	2p	2p	2p	2p	O.T.T.	D1	D1	D1	D1	S1
P29	-	-	2n	2n	2n	2n	PROG.	D2	D2	D2	D2	S2
P30	-	-	2d	2d	2d	2d	1	-	D3	D3	-	S3
P31	-	-	-	-	-	MHz	2	D4	D4	D4	D4	S4
P32	-	-	-	-	-	kHz	SLEEP☽	D5	D5	D5	D5	S5
P33	-	-	-	-	-	S8	□□ NR	D6	D6	D6	D6	S6
P34	-	-	-	-	-	S9	○	D7	D7	D7	D7	S7
P35	-	-	-	-	-	S10	◁	D8	D8	D8	D8	▷
P36	-	-	-	-	-	S11	▷	D9	D9	D9	D9	□□
P37	-	-	-	-	-	S12	□□	-	-	-	-	P.B.C.
P38	-	-	-	-	-	EX.BASS	⇄	-	-	-	-	STEREO
P39	-	-	-	-	-	EQ	☽	-	-	-	-	ECHO
P40	-	-	-	-	-	S.W.	(	-	-	-	-	℘(MIC)

	7G	8G	9G	10G	11G	12G
B1	B1	B1	B1	B1	B1	B1
B2	B2	B2	B2	B2	B2	B2
B3	B3	B3	B3	B3	B3	B3
B4	B4	B4	B4	B4	B4	B4
B5	B5	B5	B5	B5	B5	B5
B6	B6	B6	B6	B6	B6	B6
B7	B7	B7	B7	B7	B7	B7
B9	B8	B8	B8	B8	B8	B8
B9	B9	B9	B9	B9	B9	B9
B10	B10	B10	B10	B10	B10	B10
B11	B11	B11	B11	B11	B11	B11
B12	B12	B12	B12	B12	B12	B12
C1	B13	B13	B13	B13	C1	
C2	B14	B14	B14	B14	C2	
C3	B15	B15	B15	B15	C3	
C4	B16	B16	B16	B16	C4	
C5	B17	B17	B17	B17	C5	
C6	B18	B18	B18	B18	C6	
C7	-	B19	-	-	C7	
(9)	-	B20	-	-	(1)	
(10)	-	B21	-	-	(2)	
(11)	-	B22	-	-	(3)	
(12)	-	B23	-	-	(4)	

RXD-A700/A900 (9/9)
RXD-951/951E/951W (9/9)
RXD-V616/V818/V919 (9/9)

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in ( ) is the voltage measured at the moment of STOP.

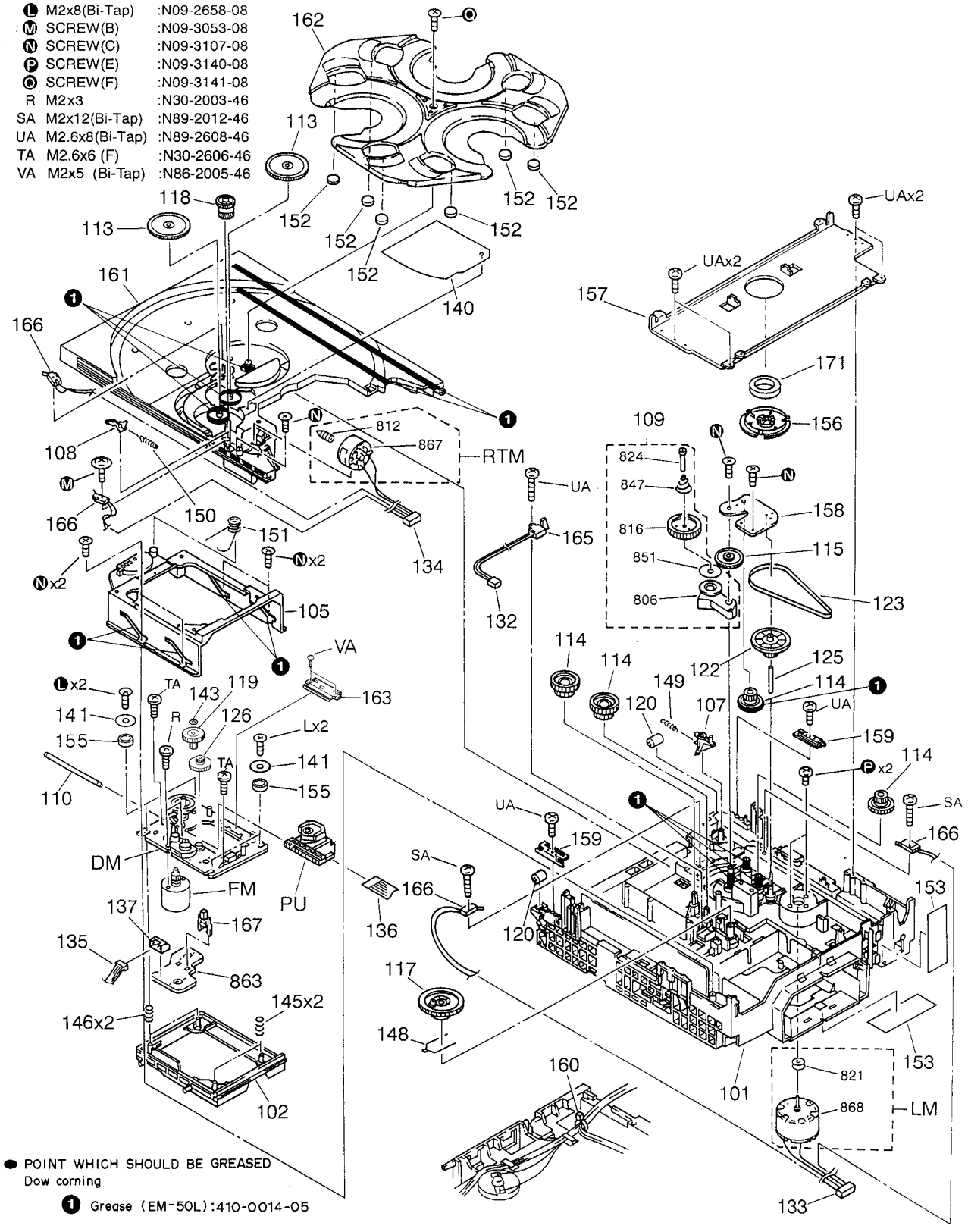
RXD-951/A700/A900/V616/V818/V9

KENWOOD

Y39-2950-10

EXPLODED VIEW (CD MECHANISM)

L	M2x8(Bi-Tap)	:N09-2658-08
M	SCREW(B)	:N09-3053-08
N	SCREW(C)	:N09-3107-08
P	SCREW(E)	:N09-3140-08
Q	SCREW(F)	:N09-3141-08
R	M2x3	:N30-2003-46
SA	M2x12(Bi-Tap)	:N89-2012-46
UA	M2.6x8(Bi-Tap)	:N89-2608-46
TA	M2.6x6 (F)	:N30-2606-46
VA	M2x5 (Bi-Tap)	:N86-2005-46



● POINT WHICH SHOULD BE GREASED
Dow corning

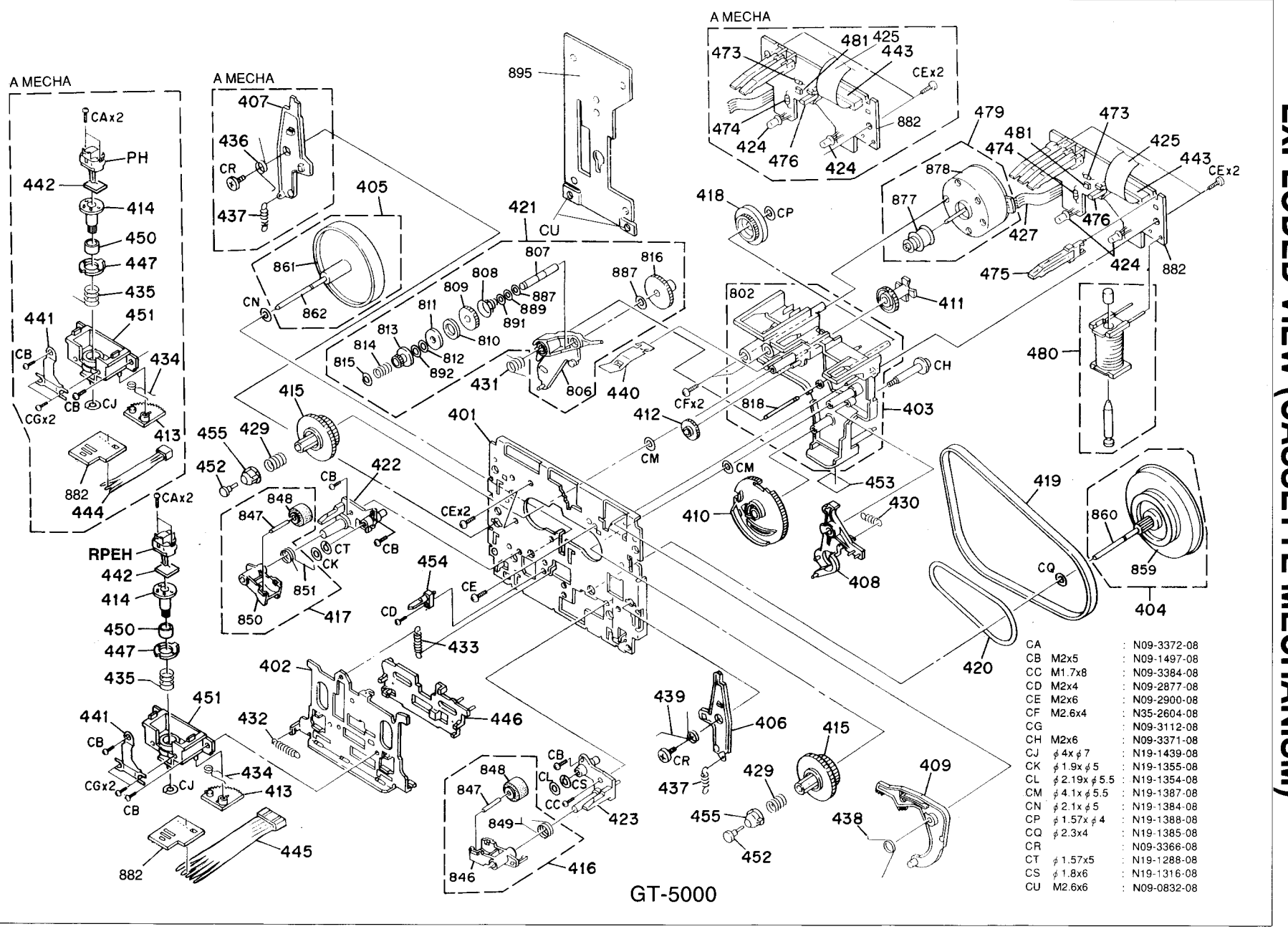
❶ Grease (EM-50L):410-0014-05

CDM-27

Parts with exploded numbers larger than 700 are not supplied.

RXD-951/A700/A900/V616/V818/V919

EXPLODED VIEW (CASSETTE MECHANISM)



GT-5000

CA		:	N09-3372-08
CB	M2x5	:	N09-1497-08
CC	M1.7x8	:	N09-3384-08
CD	M2x4	:	N09-2877-08
CE	M2x6	:	N09-2900-08
CF	M2.6x4	:	N35-2604-08
CG		:	N09-3112-08
CH	M2x6	:	N09-3371-08
CJ	ϕ4xϕ7	:	N19-1439-08
CK	ϕ1.9xϕ5	:	N19-1355-08
CL	ϕ2.19xϕ5.5	:	N19-1354-08
CM	ϕ4.1xϕ5.5	:	N19-1387-08
CN	ϕ2.1xϕ5	:	N19-1384-08
CP	ϕ1.57xϕ4	:	N19-1388-08
CQ	ϕ2.3x4	:	N19-1385-08
CR		:	N09-3366-08
CT	ϕ1.57x5	:	N19-1288-08
CS	ϕ1.8x6	:	N19-1316-08
CU	M2.6x6	:	N09-0832-08

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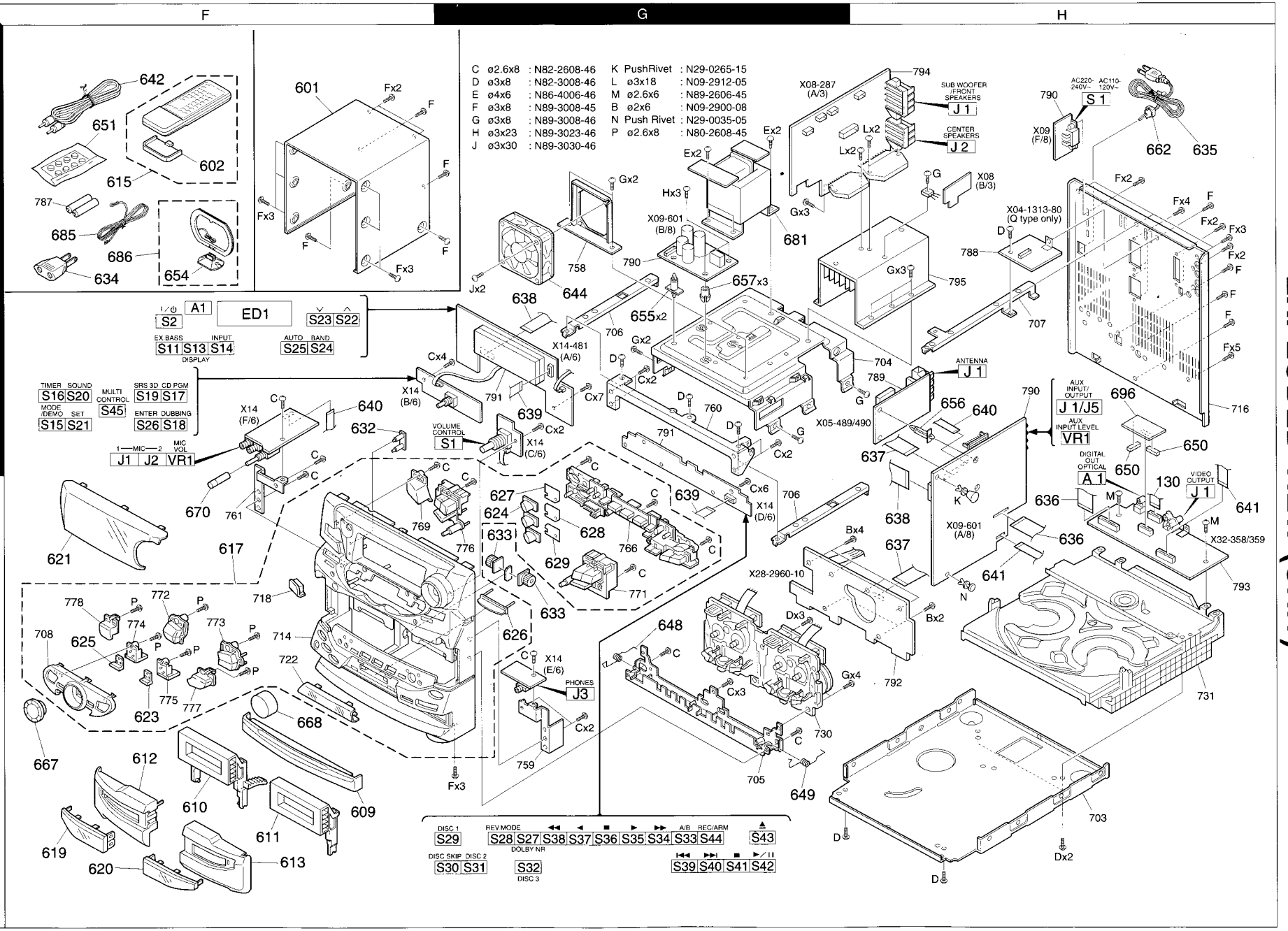

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❶

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
			RXD-951/951E/951W/A900			
601	1F	*	A01-3549-31	METALLIC CABINET		
602	1F	*	A09-1117-08	BATTERY COVER		
609	2F	*	A29-1019-02	PANEL CD		
610	2F		A53-2034-12	CASSETTE HOLDER(L)		
611	2F		A53-2035-12	CASSETTE HOLDER(R)		
612	2F	*	A53-2067-02	CASSETTE LID (L)		
613	2F	*	A53-2069-12	CASSETTE LID (R)		
615	1F	*	A70-1220-05	REMOTE CONTROL ASSY(RC-951)	K1P1Y1	
615	1F	*	A70-1220-05	REMOTE CONTROL ASSY(RC-951)	M1I1X1	
615	1F	*	A70-1220-05	REMOTE CONTROL ASSY(RC-951)	M5	
615	1F	*	A70-1221-05	REMOTE CONTROL ASSY(RC-951R)	E1E2Q1	
617	2F	*	A60-1468-01	PANEL ASSY	K1P1	
617	2F	*	A60-1470-01	PANEL ASSY	X1M5	
617	2F	*	A60-1470-01	PANEL ASSY	Y1M1I1	
617	2F	*	A60-1472-01	PANEL ASSY	E1E2Q1	
619	2F		B10-2446-13	FRONT GLASS (L)		
620	2F	*	B10-2447-13	FRONT GLASS (R)		
621	2F	*	B10-2498-02	FRONT GLASS	K1P1	
621	2F	*	B10-2499-02	FRONT GLASS	E1E2Q1	
621	2F	*	B10-2500-02	FRONT GLASS	X1M5	
621	2F	*	B10-2500-02	FRONT GLASS	Y1M1I1	
623	2F	*	B19-1586-04	LIGHTING BOARD		
624	2G	*	B19-1587-03	LIGHTING BOARD		
625	2F	*	B19-1589-04	LIGHTING BOARD		
626	2G	*	B19-1588-04	LIGHTING BOARD		
627	2G		B11-0374-04	SMOKED FILTER		
628	2G		B11-0378-04	SMOKED FILTER		
629	2G		B11-0379-04	SMOKED FILTER		
632	1F	*	B12-0347-04	INDICATOR		
-			B46-0096-53	WARRANTY CARD	X1	
-			B46-0310-03	WARRANTY CARD	E1E2Q1	
-			B46-0328-03	WARRANTY CARD	K1Y1	
-			B46-0336-03	WARRANTY CARD	P1	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y1	
-			B58-0964-13	CAUTION CARD (UL)	K1Y1	
-		*	B58-0965-13	CAUTION CARD (T,XtypePL)	X1	
-		*	B58-0966-13	CAUTION CARD (ELMtypePL)	E2M5	
-		*	B58-0966-13	CAUTION CARD (ELMtypePL)	M1I1E1	
-		*	B58-0967-03	CAUTION CARD (PtypePL)	P1	
-		*	B58-1526-03	CAUTION CARD (P4,ORI,A4,1(Q)	Q1	
-		*	B58-1569-04	CAUTION CARD		
-			B59-1104-00	SERVICE DIRECTORY	Y1	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	E2Q1M5	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	K1P1Y1	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	M1I1X1	
-		*	B60-3908-00	INSTRUCTION MANUAL(FRENCH)	P1	
-		*	B60-3909-00	INSTRUCTION MANUAL(SPANISH)	M1E1M5	
-		*	B60-3910-00	INSTRUCTION MANUAL(GERMAN)	E1	
-		*	B60-3911-00	INSTRUCTION MANUAL(ITALIAN)	E1	
-		*	B60-3912-00	INSTRUCTION MANUAL(DUTCH)	E1	
-		*	B60-3913-00	INSTRUCTION MANUAL(TAIWANESE)	M1I1M5	
-		*	B60-3914-00	INSTRUCTION MANUAL(PH)	E2	
-		*	B60-3915-00	INSTRUCTION MANUAL(HG)	E2	

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❷

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
-		*	B60-3916-00	INSTRUCTION MANUAL(CZ)	E2	
-		*	B60-3917-00	INSTRUCTION MANUAL(R)	Q1	
-		*	B60-4054-00	INSTRUCTION MANUAL(FRENCH)	E1	
633	2F		D39-0334-15	DAMPER		
⚠ 634	1F		E03-0115-05	AC PLUG ADAPTER	M1I1M5	
⚠ 635	1H		E30-2592-15	AC POWER CORD	E2Q1M5	
⚠ 635	1H		E30-2592-15	AC POWER CORD	M1I1E1	
⚠ 635	1H		E30-2605-05	AC POWER CORD	Y1	
⚠ 635	1H		E30-2650-05	AC POWER CORD	K1P1	
⚠ 635	1H		E30-2717-05	AC POWER CORD	X1	
636	2H		E35-2136-05	FLAT CABLE (25P)		
637	1H, 2H		E35-2137-05	FLAT CABLE (17P)		
638	1G, 2H		E35-2138-15	FLAT CABLE (15P)		
639	1G, 2G		E35-2139-05	FLAT CABLE (11P)		
640	1F, 1H		E35-2194-05	FLAT CABLE (5P)	X1M5	
640	1F, 1H		E35-2194-05	FLAT CABLE (5P)	Y1M1I1	
644	1G, 2G		F09-0137-05	FAN		
648	2G		G01-4042-24	TORSION COIL SPRING(L)		
649	2G		G01-4043-24	TORSION COIL SPRING(R)		
651	1F		G11-2345-04	CUSHION (ACCESS0RY)		
-			G10-0452-04	NON-WOVEN FABRIC		
-			G11-0155-14	SOFT TAPE (40X9X2)		
			H13-0086-04	CARTON BOARD		
-			H10-7435-12	POLYSTYRENE FOAMED FIXTURE(L)		
-			H10-7436-12	POLYSTYRENE FOAMED FIXTURE(R)		
-			H25-0632-24	PROTECTION BAG		
-			H25-1536-04	PROTECTION BAG	E2Q1	
-			H25-1536-04	PROTECTION BAG	I1X1E1	
-			H25-1536-04	PROTECTION BAG	K1P1Y1	
-			H25-1611-04	PROTECTION BAG	M1M5	
-		*	H50-3012-04	ITEM CARTON CASE	K1P1	
-		*	H50-3013-04	ITEM CARTON CASE	Y1X1	
-		*	H50-3014-04	ITEM CARTON CASE	E1	
-		*	H50-3015-04	ITEM CARTON CASE	M1I1M5	
-		*	H50-3016-04	ITEM CARTON CASE	Q1	
-		*	H50-3072-04	ITEM CARTON CASE	E2	
654	1F		J19-3645-05	ANTENNA STAND		
655	1G		J19-3327-05	UNIT HOLDER		
656	1H		J19-3329-05	UNIT HOLDER		
657	1G		J19-3752-14	UNIT HOLDER		
⚠ 662	1H		J42-0083-05	POWER CORD BUSHING		
-			J19-2808-05	HOLDER	M1M5	
-			J52-0039-05	PUSH LATCH		
-			J61-0307-05	WIRE BAND		
667	2F		K29-6925-04	KNOB(MULTI CONTROL)		
668	2F	*	K29-7343-04	KNOB(VOLUME CONTROL)		
670	2F	*	K29-7344-04	KNOB(MIC VOLUME)	X1M5	
670	2F	*	K29-7344-04	KNOB(MIC VOLUME)	Y1M1I1	
681	1G	*	L07-2536-05	POWER TRANSFORMER	K1P1	
681	1G	*	L07-2537-05	POWER TRANSFORMER	E1E2Q1	
681	1G	*	L07-2538-05	POWER TRANSFORMER	M5	
681	1G	*	L07-2538-05	POWER TRANSFORMER	Y1M1I1	

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❸

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
681	1G	*	L07-2539-05	POWER TRANSFORMER	X1	
685	1F		T90-0801-05	LEAD WIRE ANTENNA	K1P1Y1	
685	1F		T90-0801-05	LEAD WIRE ANTENNA	M1I1X1	
685	1F		T90-0801-05	LEAD WIRE ANTENNA	M5	
685	1F		T90-0836-05	LEAD WIRE ANTENNA	E1E2Q1	
686	1F		T90-0833-05	LOOP ANTENNA		
RXD-A700/A700E/A700W/V616/V818/V919						
601	1F	*	A01-3549-31	METALLIC CABINET		
602	2F	*	A09-1117-08	BATTERY COVER		
609	2F	*	A29-0896-22	PANEL(CD)	K2P2X2	
609	2F	*	A29-0896-22	PANEL(CD)	Q2E3	
609	2F	*	A29-1015-02	PANEL(CD)	I2I3I4	
609	2F	*	A29-1015-02	PANEL(CD)	M2M3M4	
609	2F	*	A29-1015-02	PANEL(CD)	V2V3V4	
610	2F		A53-2034-12	CASSETTE HOLDER(L)		
611	2F		A53-2035-12	CASSETTE HOLDER(R)		
612	2F		A53-2036-12	CASSETTE LID (L)	K2P2X2	
612	2F		A53-2036-12	CASSETTE LID (L)	Q2E3	
612	2F	*	A53-2067-02	CASSETTE LID (L)	I2I3I4	
612	2F	*	A53-2067-02	CASSETTE LID (L)	M2M3M4	
612	2F	*	A53-2067-02	CASSETTE LID (L)	V2V3V4	
613	2F		A53-2037-22	CASSETTE LID (R)	K2P2X2	
613	2F		A53-2037-22	CASSETTE LID (R)	Q2E3	
613	2F	*	A53-2069-12	CASSETTE LID (R)	I2I3I4	
613	2F	*	A53-2069-12	CASSETTE LID (R)	M2M3M4	
613	2F	*	A53-2069-12	CASSETTE LID (R)	V2V3V4	
615	1F	*	A70-1218-05	REMOTE CONTROL ASSY(RC-V919)	M2I2V2	
615	1F	*	A70-1219-05	REMOTE CONTROL ASSY(RC-V818)	M3I3V3	
615	1F	*	A70-1219-05	REMOTE CONTROL ASSY(RC-V818)	M4I4V4	
615	1F	*	A70-1220-05	REMOTE CONTROL ASSY(RC-951)	K2P2X2	
615	1F	*	A70-1221-05	REMOTE CONTROL ASSY(RC-951R)	Q2E3	
617	2F	*	A60-1463-01	PANEL ASSY	M2I2V2	
617	2F	*	A60-1465-01	PANEL ASSY	M3I3V3	
617	2F	*	A60-1466-01	PANEL ASSY	M4I4V4	
617	2F	*	A60-1467-01	PANEL ASSY	K2P2	
617	2F	*	A60-1481-01	PANEL ASSY	X2Q2E3	
619	2F		B10-2446-13	FRONT GLASS		
620	2F	*	B10-2447-13	FRONT GLASS		
621	2F	*	B10-2494-02	FRONT GLASS	M2I2V2	
621	2F	*	B10-2495-02	FRONT GLASS	M3I3V3	
621	2F	*	B10-2496-02	FRONT GLASS	M4I4V4	
621	2F	*	B10-2497-02	FRONT GLASS	K2P2X2	
621	2F	*	B10-3439-02	FRONT GLASS	Q2E3	
623	2F	*	B19-1586-04	LIGHTING BOARD		
624	2G	*	B19-1587-03	LIGHTING BOARD		
625	2F	*	B19-1589-04	LIGHTING BOARD		
626	2G	*	B19-1588-04	LIGHTING BOARD	M2I2V2	
626	2G	*	B19-1588-04	LIGHTING BOARD	M3I3V3	
627	2G		B11-0374-04	SMOKED FILTER		
628	2G		B11-0378-04	SMOKED FILTER		
629	2G		B11-0379-04	SMOKED FILTER		
632	1F	*	B12-0347-04	INDICATOR	K2P2X2	
632	1F	*	B12-0347-04	INDICATOR	M4I4V4	
632	1F	*	B12-0347-04	INDICATOR	Q2E3	

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❹

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
-			B46-0096-53	WARRANTY CARD	X2	
-			B46-0310-03	WARRANTY CARD	Q2E3	
-			B46-0328-03	WARRANTY CARD	K2	
-		*	B46-0329-03	WARRANTY CARD	V2V3V4	
-			B46-0336-03	WARRANTY CARD	P2	
-			B58-0964-13	CAUTION CARD (UL)	K2	
-		*	B58-0965-13	CAUTION CARD (T,XtypePL)	X2	
-		*	B58-0966-13	CAUTION CARD (ELMtypePL)	I2I3I4	
-		*	B58-0966-13	CAUTION CARD (ELMtypePL	M2M3M4	
-		*	B58-0966-13	CAUTION CARD (ELMtypePL)	Q2E3	
-		*	B58-0967-03	CAUTION CARD (PtypePL)	P2	
-		*	B58-1537-13	CAUTION CARD	V2V3V4	
-		*	B58-1546-03	CAUTION CARD	V2V3V4	
-		*	B58-1569-04	CAUTION CARD		
-		*	B60-3898-00	INSTRUCTION MANUAL(ENGLISH)	I2I3I4	
-		*	B60-3898-00	INSTRUCTION MANUAL(ENGLISH)	M2M3M4	
-		*	B60-3899-00	INSTRUCTION MANUAL(SPANISH)	M3	
-		*	B60-3900-00	INSTRUCTION MANUAL(TWAIWANESE)	I2I3I4	
-		*	B60-3900-00	INSTRUCTION MANUAL(TWAIWANESE)	M2M3M4	
-		*	B60-3901-00	INSTRUCTION MANUAL(CHINESE)	V2V3V4	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	K2P2X2	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	Q2E3	
-		*	B60-3908-00	INSTRUCTION MANUAL(FRENCH)	P2	
-		*	B60-3914-00	INSTRUCTION MANUAL(PH)	E3	
-		*	B60-3915-00	INSTRUCTION MANUAL(HG)	E3	
-		*	B60-3916-00	INSTRUCTION MANUAL(CZ)	E3	
-		*	B60-3917-00	INSTRUCTION MANUAL(R)	Q2	
633	2F		D39-0334-15	DAMPER		
⚠ 634	1F		E03-0115-05	AC PLUG ADAPTER	I2I3I4	
⚠ 634	1F		E03-0115-05	AC PLUG ADAPTER	M2M3M4	
⚠ 635	1H		E30-2592-15	AC POWER CORD	I2I3I4	
⚠ 635	1H		E30-2592-15	AC POWER CORD	M2M3M4	
⚠ 635	1H		E30-2592-15	AC POWER CORD	Q2E3	
⚠ 635	1H		E30-2650-05	AC POWER CORD	K2P2	
⚠ 635	1H		E30-2717-05	AC POWER CORD	X2	
⚠ 635	1H		E30-2824-15	AC POWER CORD	V2V3V4	
636	2H		E35-2136-05	FLAT CABLE	K2P2X2	
636	2H		E35-2136-05	FLAT CABLE	Q2E3	
636	2H		E35-2235-05	FLAT CABLE	I2I3I4	
636	2H		E35-2235-05	FLAT CABLE	M2M3M4	
636	2H		E35-2235-05	FLAT CABLE	V2V3V4	
637	1H, 2H		E35-2137-05	FLAT CABLE		
638	1G, 2H		E35-2138-15	FLAT CABLE		
639	1G, 2G		E35-2139-05	FLAT CABLE	M2I2V2	
639	1G, 2G		E35-2139-05	FLAT CABLE	M3I3V3	
639	1G, 2G		E35-2147-05	FLAT CABLE	K2P2X2	
639	1G, 2G		E35-2147-05	FLAT CABLE	M4I4V4	
639	1G, 2G		E35-2147-05	FLAT CABLE	Q2E3	
640	1F, 1H		E35-2173-05	FLAT CABLE	V2V3V4	
640	1F, 1H		E35-2194-05	FLAT CABLE	I2I3I4	
640	1F, 1H		E35-2194-05	FLAT CABLE	M2M3M4	
640	1F, 1H		E35-2194-05	FLAT CABLE	V2V3V4	
641	2H		E35-2173-05	FLAT CABLE	I2I3I4	

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641	2H		E35-2173-05	FLAT CABLE	M2M3M4	
642	1F		E30-1427-05	AUDIO CORD	I2I3I4	
642	1F		E30-1427-05	AUDIO CORD	M2M3M4	
642	1F		E30-1427-05	AUDIO CORD	V2V3V4	
644	1G, 2G		F09-0137-05	FAN		
648	2G		G01-4042-24	TORSION COIL SPRING		
649	2G		G01-4043-24	TORSION COIL SPRING		
650	1H	✻	G11-2411-04	CUSHION	I2I3I4	
650	1H	✻	G11-2411-04	CUSHION	M2M3M4	
650	1H	✻	G11-2411-04	CUSHION	V2V3V4	
651	1F		G11-2345-04	CUSHION		
-			G10-0452-04	NON-WOVEN FABRIC		
-			G11-0155-14	SOFT TAPE (40X9X2)		
-			H10-7435-12	POLYSTYRENE FOAMED FIXTURE(L)		
-			H10-7436-12	POLYSTYRENE FOAMED FIXTURE(R)		
-			H13-0086-04	CARTON BOARD		
-			H13-0086-04	CARTON BOARD		
-			H25-0632-24	PROTECTION BAG		
-			H25-0632-24	PROTECTION BAG		
-			H25-1536-04	PROTECTION BAG	I2I3I4	
-			H25-1536-04	PROTECTION BAG	K2P2X2	
-			H25-1536-04	PROTECTION BAG	Q2E3	
-			H25-1611-04	PROTECTION BAG	M2M3M4	
-			H25-1611-04	PROTECTION BAG	V2V3V4	
-		✻	H50-3008-04	ITEM CARTON CASE	M2I2	
-		✻	H50-3009-04	ITEM CARTON CASE	M3I3	
-		✻	H50-3010-04	ITEM CARTON CASE	M4I4	
-		✻	H50-3011-04	ITEM CARTON CASE	K2P2X2	
-		✻	H50-3024-14	ITEM CARTON CASE	V2	
-		✻	H50-3025-14	ITEM CARTON CASE	V3	
-		✻	H50-3026-14	ITEM CARTON CASE	V4	
-		✻	H50-3170-04	ITEM CARTON CASE	E3	
-		✻	H50-3171-04	ITEM CARTON CASE	Q2	
654	1F		J19-3645-05	ANTENNA STAND		
655	1G		J19-3327-05	UNIT HOLDER		
656	1H		J19-3329-05	UNIT HOLDER		
657	1G		J19-3752-14	UNIT HOLDER		
⚠ 662	1H		J42-0083-05	POWER CORD BUSHING		
-			J52-0039-05	PUSH LATCH		
-			J61-0307-05	WIRE BAND		
667	2F		K29-6925-04	KNOB(MULTI CONTROL)		
668	2F		K29-6923-14	KNOB(MAIN VOLUME CONTROL)	K2P2X2	
668	2F		K29-6923-14	KNOB(MAIN VOLUME CONTROL)	Q2E3	
668	2F	✻	K29-7343-04	KNOB(MAIN VOLUME CONTROL)	I2I3I4	
668	2F	✻	K29-7343-04	KNOB(MAIN VOLUME CONTROL)	M2M3M4	
668	2F	✻	K29-7343-04	KNOB(MAIN VOLUME CONTROL)	V2V3V4	
670	2F	✻	K29-7344-04	KNOB(MIC VOLUME)	I2I3I4	
670	2F	✻	K29-7344-04	KNOB(MIC VOLUME)	M2M3M4	
670	2F	✻	K29-7344-04	KNOB(MIC VOLUME)	V2V3V4	
681	1G	✻	L07-2534-05	POWER TRANSFORMER	M2I2	
681	1G	✻	L07-2534-05	POWER TRANSFORMER	M3I3	
681	1G	✻	L07-2535-05	POWER TRANSFORMER	M4I4	
681	1G	✻	L07-2540-05	POWER TRANSFORMER	K2P2	

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681	1G	✻	L07-2570-05	POWER TRANSFORMER	X2	
681	1G	✻	L07-2571-05	POWER TRANSFORMER	V4	
681	1G	✻	L07-2572-05	POWER TRANSFORMER	V2V3	
681	1G	✻	L07-2642-05	POWER TRANSFORMER	E3	
681	1G	✻	L07-2643-05	POWER TRANSFORMER	Q2	
685	1F		T90-0801-05	LEAD WIRE ANTENNA		
686	1F		T90-0833-05	LOOP ANTENNA		
696	1F	✻	W02-2634-05	ELECTRIC CIRCUIT MODULE	I2I3I4	
696	1F	✻	W02-2634-05	ELECTRIC CIRCUIT MODULE	M2M3M4	
696	1F	✻	W02-2634-05	ELECTRIC CIRCUIT MODULE	V2V3V4	

MPX UNIT (X04-1313-80) Q only

C1			CE04LW1H010M	ELECTRO	1.0UF	50WV
C2, 3			C91-1566-05	PF-C	0.01UF	G
C4			CE04LW1A470M	ELECTRO	47UF	10WV
C5, 6			CQ93FMG1H102J	MYLAR	1000PF	J
C7			CC45FSL1H331J	CERAMIC	330PF	J
C8			CK45FB1H102K	CERAMIC	1000PF	K
C9			CC93FCH1H471J	CERAMIC	470PF	J
C10, 11			CE04LW1HR47M	ELECTRO	0.47UF	50WV
C12			CK45FF1H473Z	CERAMIC	0.047UF	Z
C13~15			CE04LW1H010M	ELECTRO	1.0UF	50WV
C16			CK45FF1H103Z	CERAMIC	0.010UF	Z
C17, 18			CE04LW1H2R2M	ELECTRO	2.2UF	50WV
C19, 20			CQ93FMG1H682J	MYLAR	6800PF	J
C21			CK45FF1H103Z	CERAMIC	0.010UF	Z
C22			CE04LW1A470M	ELECTRO	47UF	10WV
C23, 24			CQ93FMG1H472J	MYLAR	4700PF	J
C25			CC45FSL1H121J	CERAMIC	120PF	J
C26			CE04LW1H2R2M	ELECTRO	2.2UF	50WV
TC1			C05-0463-05	CERAMIC TRIMMER CAPACITOR(120P		
CN1			E40-8288-05	FLAT CABLE CONNECTOR		
CN2, 3			E40-4871-05	PIN ASSY		
CN6			E40-4872-05	PIN ASSY		
L1			L39-1350-05	PEAKING COIL		
L2, 3			L79-1236-05	LC FILTER		
L4			L40-1021-14	SMALL FIXED INDUCTOR(1.0MH,K)		
⚠ R9			RS14KB3A221J	FL-PROOF RS	220	J 1W
VR1			R12-3685-05	TRIMMING POT.(10K)		
VR2			R12-1619-05	TRIMMING POT.(4.7K)		
D1			HZS5.1N(B2)	ZENER DIODE		
D1			MTZJ5.1(B)	ZENER DIODE		
D2, 3			HSS104	DIODE		
D2, 3			1SS133	DIODE		
D4			HZS5.1N(B2)	ZENER DIODE		
D4			MTZJ5.1(B)	ZENER DIODE		
D6, 7			HSS104	DIODE		
D6, 7			1SS133	DIODE		
IC1			IR3R42	ANALOGUE IC		
IC2			NJM4565D	ANALOGUE IC		
IC3			TC4052BP	IC(4CH MPX/DE-MPX)		
Q1			2SA1175(F,E)	TRANSISTOR		
Q1			2SA933AS(Q,R)	TRANSISTOR		
Q5			DTC124ESA	DIGITAL TRANSISTOR		

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Q5			UN4212	DIGITAL TRANSISTOR				
TUNER UNIT (X05-489/492X-XX)								
C1, 2			CK73FB1H103K	CHIP C	0.010UF	K		
C3			CC73FCH1H040C	CHIP C	4.0PF	C		
C5			CK73FB1H222K	CHIP C	2200PF	K		
C7			CK73FB1H102K	CHIP C	1000PF	K		
C8			CK73FB1H103K	CHIP C	0.010UF	K		
C9			CE04LW1C100M	ELECTRO	10UF	16WV		
C10			CK73FB1H473K	CHIP C	0.047UF	K		
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C12			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C13			CK73FB1H102K	CHIP C	1000PF	K		
C14			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C15			CC73FCH1H220J	CHIP C	22PF	J		
C16			CE04LW1C100M	ELECTRO	10UF	16WV		
C17			CK73FB1H562K	CHIP C	5600PF	K		
C18			CK73FB1H102K	CHIP C	1000PF	K		
C19			CE04HW1E4R7M	NP-ELEC	4.7UF	25WV		
C20			CK73FB1E104K	CHIP C	0.10UF	K		
C21, 22			CQ93FMG1H123J	MYLAR	0.012UF	J	M2M3M4	
C21, 22			CQ93FMG1H123J	MYLAR	0.012UF	J	V2V3V4	
C21, 22			CQ93FMG1H123J	MYLAR	0.012UF	J	X1X2M5	
C21, 22			CQ93FMG1H123J	MYLAR	0.012UF	J	Y1M1I1	
C21, 22			CQ93FMG1H123J	MYLAR	0.012UF	J	I2I3I4	
C21, 22			CQ93FMG1H183J	MYLAR	0.018UF	J	K1P1K2	
C21, 22			CQ93FMG1H183J	MYLAR	0.018UF	J	P2	
C23			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C25			CE04LW1C100M	ELECTRO	10UF	16WV		
C26			CE04LW1C470M	ELECTRO	47UF	16WV		
C27			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C28			CQ93FMG1H223J	MYLAR	0.022UF	J		
C29			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C30			CE04LW1C101M	ELECTRO	100UF	16WV		
C31			CE04LW1A470M	ELECTRO	47UF	10WV		
C32			CK73FB1H103K	CHIP C	0.010UF	K		
C33			CC73FSL1H101J	CHIP C	100PF	J		
C34, 35			CK73FB1H102K	CHIP C	1000PF	K		
C36			CC73FCH1H120J	CHIP C	12PF	J		
C37			CC73FCH1H100D	CHIP C	10PF	D		
C38			CK73FB1H471K	CHIP C	470PF	K		
C52			CC73FCH1H470J	CHIP C	47PF	J		
C57, 58			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C61, 62			CQ93FMG1H562J	MYLAR	5600PF	J	I2I3I4	
C61, 62			CQ93FMG1H562J	MYLAR	5600PF	J	M2M3M4	
C61, 62			CQ93FMG1H562J	MYLAR	5600PF	J	M5	
C61, 62			CQ93FMG1H562J	MYLAR	5600PF	J	V2V3V4	
C61, 62			CQ93FMG1H562J	MYLAR	5600PF	J	Y1M1I1	
C63			CC73FSL1H121J	CHIP C	120PF	J		
C64			CK73FB1H473K	CHIP C	0.047UF	K		
CN1			E40-8052-05	SOCKET FOR PIN ASSY				
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)			I2I3I4	
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)			K1P1Y1	
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)			K2P2X2	
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)			M1I1X1	

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J1			E20-0476-05	LOCK TERMINAL BOARD(4P)				M2M3M4	
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)				M5	
J1			E70-0051-05	LOCK TERMINAL BOARD				I1I2I3	
J1			E70-0051-05	LOCK TERMINAL BOARD				K1P1Y1	
J1			E70-0051-05	LOCK TERMINAL BOARD				K2P2Y2	
J1			E70-0051-05	LOCK TERMINAL BOARD				M1I1X1	
J1			E70-0051-05	LOCK TERMINAL BOARD				M2M3M4	
J1			E70-0051-05	LOCK TERMINAL BOARD				M5	
J1			E70-0079-05	LOCK TERMINAL BOARD				V2V3V4	
J2			F10-0945-04	SHIELDING PLATE				I2I3I4	
J2			F10-0945-04	SHIELDING PLATE				K1P1Y1	
J2			F10-0945-04	SHIELDING PLATE				K2P2X2	
J2			F10-0945-04	SHIELDING PLATE				M1I1X1	
J2			F10-0945-04	SHIELDING PLATE				M1I1X1	
J2			F10-0945-04	SHIELDING PLATE				M2M3M4	
J2			F10-0945-04	SHIELDING PLATE				M5	
J2			F10-1074-04	SHIELDING PLATE				V2V3V4	
CF1, 2			L72-0611-05	CERAMIC FILTER					
CF3			L72-0613-05	CERAMIC FILTER					
L1			L39-1366-05	COMBINATION COIL					
L2			L30-0911-05	AM IFT					
L3, 4			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				I2I3I4	
L3, 4			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				K1P1Y1	
L3, 4			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				M1I1X1	
L3, 4			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				M2M3M4	
L3, 4			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				M5	
L3, 4			L40-1091-82	SMALL FIXED INDUCTOR(1.0UH)				V2V3V4	
X1			L77-2232-05	CRYSTAL RESONATOR					
X2			L78-0637-05	RESONATOR	(456KHZ)				
R1			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R2			RK73FB2A681J	CHIP R	680	J	1/10W		
R3			RK73FB2A5R6J	CHIP R	5.6	J	1/10W		
R4, 5			RK73FB2A331J	CHIP R	330	J	1/10W		
R6			RK73FB2A101J	CHIP R	100	J	1/10W		
R7			RK73FB2A473J	CHIP R	47K	J	1/10W		
R8			RK73FB2A331J	CHIP R	330	J	1/10W		
R12			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R13			RK73FB2A333J	CHIP R	33K	J	1/10W		
R15, 16			RK73FB2A224J	CHIP R	220K	J	1/10W		
R17			RK73FB2A271J	CHIP R	270	J	1/10W		
R18			RK73FB2A302J	CHIP R	3.0K	J	1/10W		
R19			RK73FB2A822J	CHIP R	8.2K	J	1/10W		
R21~23			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R24			RK73FB2A562J	CHIP R	5.6K	J	1/10W		
⚠ R25			RD14NB2E101J	RD	100	J	1/4W		
⚠ R26			RD14NB2E561J	RD	560	J	1/4W		
R27			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R28			RK73FB2A103J	CHIP R	10K	J	1/10W		
R29, 30			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R31			RK73FB2A103J	CHIP R	10K	J	1/10W		
R32			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
R33			RK73FB2A123J	CHIP R	12K	J	1/10W		
⚠ R41			RS14KB3A181J	FL-PROOF RS	180	J	1W		
⚠ R42			RD14NB2E820J	RD	82	J	1/4W		

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⚠ R43			RD14NB2E221J	RD	220	J	1/4W		
R44			RK73FB2A101J	CHIP R	100	J	1/10W		
R46			RK73FB2A104J	CHIP R	100K	J	1/10W		
R48			RK73FB2A473J	CHIP R	47K	J	1/10W		
R50			RK73FB2A471J	CHIP R	470	J	1/10W	I2I3I4	
R50			RK73FB2A471J	CHIP R	470	J	1/10W	M2M3M4	
R50			RK73FB2A471J	CHIP R	470	J	1/10W	M5	
R50			RK73FB2A471J	CHIP R	470	J	1/10W	V2V3V4	
R50			RK73FB2A471J	CHIP R	470	J	1/10W	Y1M1I1	
R73, 74			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
VR1			R32-0038-05	SEMI FIXED VARIABLE RESISTOR					
W101~106			R92-0670-05	CHIP R	0 OHM			KP1Y1	
W108, 109			R92-0670-05	CHIP R	0 OHM			KP1Y1	
W111~114			R92-0670-05	CHIP R	0 OHM				
W115, 116			R92-0670-05	CHIP R	0 OHM			I2I3I4	
W115, 116			R92-0670-05	CHIP R	0 OHM			M2M3M4	
W115, 116			R92-0670-05	CHIP R	0 OHM			Y1M1I1	
W117, 118			R92-0670-05	CHIP R	0 OHM			K1P1X1	
W117, 118			R92-0670-05	CHIP R	0 OHM			K2P2X2	
W121			R92-0670-05	CHIP R	0 OHM				
W202~208			R92-0679-05	CHIP R	0 OHM				
W210, 211			R92-0679-05	CHIP R	0 OHM				
D1, 2			HSS104	DIODE					
D1, 2			1SS133	DIODE					
D3, 4			HZS5.1N(B2)	ZENER DIODE					
D3, 4			MTZJ5.1(B)	ZENER DIODE					
D8			HSS104	DIODE					
D8			1SS133	DIODE					
D10			MA111	DIODE					
IC1			LA1832	ANALOGUE IC					
IC2			LC72131	MOS-IC					
Q1			2SC2714(R,O)	TRANSISTOR					
Q3			2SA1576A(R,S)	TRANSISTOR					
Q3			2SB1218A(Q,R)	TRANSISTOR					
Q5			2SC4081(R,S)	TRANSISTOR					
Q5			2SD1819A(Q,R)	TRANSISTOR					
Q9, 10			2SC4081(R,S)	TRANSISTOR				I2I3I4	
Q9, 10			2SC4081(R,S)	TRANSISTOR				M2M3M4	
Q9, 10			2SC4081(R,S)	TRANSISTOR				M5	
Q9, 10			2SC4081(R,S)	TRANSISTOR				Y1M1I1	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR				I2I3I4	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR				M2M3M4	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR				M5	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR				Y1M1I1	
A1			W02-2638-05	FM FRONT-END ASSY					
TUNER UNIT (X05-490X-XX)									
C1			CE04LW1C470M	ELECTRO	47UF		16WV		
C2			CE04LW1H010M	ELECTRO	1.0UF		50WV		
C3~8			CK73FB1H103K	CHIP C	0.010UF		K		
C9			C91-0769-05	CERAMIC	0.010UF		K		
C30			CK73EB1E473K	CHIP C	0.047UF		K		
C31			CE04LW1C470M	ELECTRO	47UF		16WV		
C32			CK73FB1H103K	CHIP C	0.010UF		K		

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C33			CE04LW1C100M	ELECTRO	10UF	16WV		
C34			CK73EB1E104K	CHIP C	0.10UF	K		
C35			CE04LW1C100M	ELECTRO	10UF	16WV		
C36			CK73FB1E473K	CHIP C	0.047UF	K		
C37			CK73EF1E105Z	CHIP C	1.0UF	Z		
C38			C90-3217-05	ELECTRO	10UF	10WV		
C39			CC73FSL1H101J	CHIP C	100PF	J	Q1Q2	
C40			C90-3253-05	ELECTRO	1.0UF	50WV		
C41			C90-3251-05	ELECTRO	0.47UF	50WV		
C42			C90-3240-05	ELECTRO	2.2UF	35WV		
C43			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C44			CK73FB1E473K	CHIP C	0.047UF	K		
C45			CC73FCH1H220J	CHIP C	22PF	J		
C46			CE04LW1A101M	ELECTRO	100UF	10WV		
C47			CK73FB1H682K	CHIP C	6800PF	K		
C48			CC73FSL1H681J	CHIP C	680PF	J	Q1Q2	
C48			CC73FSL1H821J	CHIP C	820PF	J	E1E2E3	
C49			C90-3253-05	ELECTRO	1.0UF	50WV		
C50			CK73FB1H102K	CHIP C	1000PF	K		
C51, 52			C90-3217-05	ELECTRO	10UF	10WV		
C53, 54			CK73FB1H153K	CHIP C	0.015UF	K	E1E2E3	
C53, 54			CK73FB1H183K	CHIP C	0.018UF	K	Q1Q2	
C55, 56			C90-3231-05	ELECTRO	3.3UF	25WV	Q1Q2	
C55, 56			C90-3240-05	ELECTRO	2.2UF	35WV	E1E2E3	
C59			CC73ESL1H101J	CHIP C	100PF	J	Q1Q2	
C60			CK73FB1E104K	CHIP C	0.10UF	K		
C61			CK73FB1H103K	CHIP C	0.010UF	K		
C62			CK73FB1H333K	CHIP C	0.033UF	K	Q1Q2	
C63			CC73FCH1H090D	CHIP C	9.0PF	D	Q1Q2	
C64			CK73FB1H333K	CHIP C	0.033UF	K		
C66			CC73FCH1H060D	CHIP C	6.0PF	D		
C67			CC73FCH1H220J	CHIP C	22PF	J		
C68			CC73FSL1H020C	CHIP C	2.0PF	C	E1E2E3	
C69			CK73FB1H103K	CHIP C	0.010UF	K		
C70			CC73FSL1H101J	CHIP C	100PF	J		
C77, 78			CK73FB1H332K	CHIP C	3300PF	K	E1E2E3	
C79, 80			CC73FSL1H101J	CHIP C	100PF	J	Q1Q2	
C80			CC73FSL1H101J	CHIP C	100PF	J	E1E2E3	
C81			CC73FCH1H220J	CHIP C	22PF	J		
C82			CC73FCH1H270J	CHIP C	27PF	J		
C83, 84			CK73FB1H102K	CHIP C	1000PF	K		
C85			C91-0745-05	CERAMIC	100PF	K		
C86			C91-0757-05	CERAMIC	1000PF	K		
C87			CE04LW1A470M	ELECTRO	47UF	10WV		
C88			CC73FSL1H331J	CHIP C	330PF	J	Q1Q2	
C89			CE04LW1C470M	ELECTRO	47UF	16WV		
C90			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C91			CQ93FMG1H223J	MYLAR	0.022UF	J		
C92			CC73FSL1H471J	CHIP C	470PF	J		
C93			CK73FB1H103K	CHIP C	0.010UF	K		
C94			CK73FB1H102K	CHIP C	1000PF	K		
C95			CC73FCH1H470J	CHIP C	47PF	J		
C96			CC73FSL1H101J	CHIP C	100PF	J		
CN1			E40-8052-05	SOCKET FOR PIN ASSY				

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
CN2			E40-4871-05	PIN ASSY					
J1			E20-0321-05	LOCK TERMINAL BOARD(2P,F)					
J1			E70-0052-05	LOCK TERMINAL BOARD					
J2			F10-1053-04	SHIELDING PLATE				E1E2E3	
J2			F10-1088-04	SHIELDING PLATE				Q1Q2	
CF1, 2			L72-0612-05	CERAMIC FILTER					
L31			L30-0929-05	FM IFT					
L32			L30-0930-05	FM IFT					
L33			L30-0911-05	AM IFT					
L34			L79-1237-05	LC FILTER					
L61			L40-1091-17	SMALL FIXED INDUCTOR(1UH)					
L62			L39-1367-05	COMBINATION COIL				E1E2E3	
L62			L39-1368-05	COMBINATION COIL				Q1Q2	
L63			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				E1E2E3	
L81			L40-1091-17	SMALL FIXED INDUCTOR(1UH)					
X31			L78-0637-05	RESONATOR (456KHZ)					
X81			L77-2185-05	CRYSTAL RESONATOR					
⚠ R1			RD14NB2E101J	RD	100	J	1/4W		
R2			RK73EB2B221J	CHIP R	220	J	1/8W		
R3			RK73FB2A331J	CHIP R	330	J	1/10W	Q1	
R3			RK73FB2A332J	CHIP R	3.3K	J	1/10W	E1E2E3	
R4			RK73FB2A681J	CHIP R	680	J	1/10W		
R5			RK73FB2A331J	CHIP R	330	J	1/10W		
R6			RK73FB2A220J	CHIP R	22	J	1/10W		
R7			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R8			RK73FB2A331J	CHIP R	330	J	1/10W		
R10			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R11			RK73FB2A681J	CHIP R	680	J	1/10W		
R12			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
R13, 14			RK73FB2A331J	CHIP R	330	J	1/10W		
R15			RK73FB2A101J	CHIP R	100	J	1/10W		
R16			RK73FB2A220J	CHIP R	22	J	1/10W	E1E2E3	
R16			RK73FB2A470J	CHIP R	47	J	1/10W	Q1Q2	
R17			RK73FB2A621J	CHIP R	620	J	1/10W		
R18			RK73FB2A123J	CHIP R	12K	J	1/10W		
R19			RK73FB2A4R7J	CHIP R	4.7	J	1/10W		
R20			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
⚠ R31			RS14KB3A820J	FL-PROOF RS	82	J	1W		
R32			RK73EB2B562J	CHIP R	5.6K	J	1/8W		
R33			RK73FB2A302J	CHIP R	3.0K	J	1/10W		
R34			RK73FB2A822J	CHIP R	8.2K	J	1/10W		
R35			RK73FB2A333J	CHIP R	33K	J	1/10W		
R36			RK73FB2A393J	CHIP R	39K	J	1/10W		
R38			RK73FB2A333J	CHIP R	33K	J	1/10W		
R39			RK73FB2A223J	CHIP R	22K	J	1/10W		
R40			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R41			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R42			RK73FB2A473J	CHIP R	47K	J	1/10W		
R43, 44			RK73FB2A123J	CHIP R	12K	J	1/10W	Q1Q2	
R43, 44			RK73FB2A223J	CHIP R	22K	J	1/10W	E1E2E3	
R47, 48			RK73FB2A392J	CHIP R	3.9K	J	1/10W		
R49			RK73FB2A473J	CHIP R	47K	J	1/10W		
R51			RK73FB2A102J	CHIP R	1.0K	J	1/10W		

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
R52			RK73FB2A104J	CHIP R	100K	J	1/10W		
R53			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R54			RK73FB2A683J	CHIP R	68K	J	1/10W		
R55			RK73FB2A473J	CHIP R	47K	J	1/10W		
R56			RK73FB2A104J	CHIP R	100K	J	1/10W		
R57			RK73FB2A101J	CHIP R	100	J	1/10W	Q1Q2	
R59			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R61			RK73FB2A223J	CHIP R	22K	J	1/10W	Q1Q2	
R62			RK73FB2A105J	CHIP R	1.0M	J	1/10W	Q1Q2	
R63			RK73FB2A473J	CHIP R	47K	J	1/10W	Q1Q2	
R64			RK73FB2A103J	CHIP R	10K	J	1/10W	Q1Q2	
R65			RK73FB2A153J	CHIP R	15K	J	1/10W	Q1Q2	
R66			RK73FB2A152J	CHIP R	1.5K	J	1/10W	Q1Q2	
R67			RK73FB2A104J	CHIP R	100K	J	1/10W		
R68			RK73FB2A222J	CHIP R	2.2K	J	1/10W	Q1Q2	
R70			RK73FB2A105J	CHIP R	1.0M	J	1/10W	Q1Q2	
R80			RK73EB2B102J	CHIP R	1.0K	J	1/8W		
R81~83			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R84			RK73FB2A103J	CHIP R	10K	J	1/10W		
R85~88			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
⚠ R89			RD14NB2E101J	RD	100	J	1/4W		
R90			RK73FB2A562J	CHIP R	5.6K	J	1/10W		
R91			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R92			RK73FB2A123J	CHIP R	12K	J	1/10W		
R93			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
⚠ R94			RD14NB2E561J	RD	560	J	1/4W		
R101, 102			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R103			RK73FB2A821J	CHIP R	820	J	1/10W		
R104			RK73FB2A473J	CHIP R	47K	J	1/10W		
R105			RK73FB2A103J	CHIP R	10K	J	1/10W		
VR1			R32-0036-05	SEMI FIXED VARIABLE RESISTOR					
W51~55			R92-0670-05	CHIP R	0 OHM			E1E2E3	
W53			R92-0670-05	CHIP R	0 OHM			Q1Q2	
W56~58			R92-0679-05	CHIP R	0 OHM				
W59~61			R92-0670-05	CHIP R	0 OHM			E1E2E3	
W59, 60			R92-0670-05	CHIP R	0 OHM			Q1Q2	
W62~67			R92-0679-05	CHIP R	0 OHM				
W68			R92-0670-05	CHIP R	0 OHM			Q1Q2	
W69~71			R92-0679-05	CHIP R	0 OHM			E1E2E3	
W69~72			R92-0679-05	CHIP R	0 OHM			Q1Q2	
W73			R92-0670-05	CHIP R	0 OHM				
W74			R92-0679-05	CHIP R	0 OHM			Q1Q2	
W75			R92-0670-05	CHIP R	0 OHM			E1E2E3	
W75~80			R92-0670-05	CHIP R	0 OHM			Q1Q2	
W77, 78			R92-0670-05	CHIP R	0 OHM			E1E2E3	
W80			R92-0670-05	CHIP R	0 OHM			E1E2E3	
W81			R92-0679-05	CHIP R	0 OHM				
W82			R92-0670-05	CHIP R	0 OHM				
W83, 84			R92-0679-05	CHIP R	0 OHM				
W85			R92-0670-05	CHIP R	0 OHM				
D1			HSS104	DIODE					
D1			1SS133	DIODE					
D31			HZS8.2N(B2)	ZENER DIODE					
D31			MTZJ8.2(B)	ZENER DIODE					
D32			MA111	DIODE					

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D33			HSS104	DIODE				
D33			1SS133	DIODE				
D61, 62			HSS104	DIODE				
D61, 62			1SS133	DIODE				
D81			HZS5.1N(B2)	ZENER DIODE				
D81			MTZJ5.1(B)	ZENER DIODE				
D101			HZS3.3N(B2)	ZENER DIODE				
D101			MTZJ3.3(B)	ZENER DIODE				
IC1			LA1836	ANALOGUE IC				
IC2			LC72131	MOS-IC				
IC3			NJM2904M	IC(OP AMP X2)				
Q1, 2			2SC2714(R,O)	TRANSISTOR				
Q3			2SA1576A(R,S)	TRANSISTOR				
Q3			2SB1218A(Q,R)	TRANSISTOR				
Q31, 32			2SC4081(R,S)	TRANSISTOR				
Q31, 32			2SD1819A(Q,R)	TRANSISTOR				
Q61, 62			2SC4081(R,S)	TRANSISTOR			Q1Q2	
Q61, 62			2SD1819A(Q,R)	TRANSISTOR			Q1Q2	
Q63			2SC2878(B)	TRANSISTOR			Q1Q2	
Q64			2SA1576A(R,S)	TRANSISTOR			Q1Q2	
Q64			2SB1218A(Q,R)	TRANSISTOR			Q1Q2	
Q65			2SK302(Y,GR)	FET			Q1Q2	
Q81			2SA1576A(R,S)	TRANSISTOR				
Q81			2SB1218A(Q,R)	TRANSISTOR				
Q101, 102			2SD2114K	TRANSISTOR				
Q103			2SA1576A(R,S)	TRANSISTOR				
Q103			2SB1218A(Q,R)	TRANSISTOR				
A1			W02-2640-05	FM FRONT-END ASSY			E1E2E3	
A1			W02-2641-05	FM FRONT-END ASSY			Q1Q2	
SURROUND UNIT (X08-287/292X-XX)								
C1, 2			CE04LW1HR47M	ELECTRO	0.47UF	50WV	K2P2X2	
C1, 2			CE04LW1HR47M	ELECTRO	0.47UF	50WV	Q2E3	
C1, 2			CE04LW1H100M	ELECTRO	10UF	50WV	E1E2Q1	
C1, 2			CE04LW1H100M	ELECTRO	10UF	50WV	K1P1Y1	
C1, 2			CE04LW1H100M	ELECTRO	10UF	50WV	M1I1X1	
C1, 2			CE04LW1H100M	ELECTRO	10UF	50WV	M2I2V2	
C1, 2			CE04LW1H100M	ELECTRO	10UF	50WV	M5	
C3, 4			CC73FSL1H471J	CHIP C	470PF	J		
C5, 6			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C7, 8			CK45FB1H471K	CERAMIC	470PF	K		
C9			CE04LW1C331M	ELECTRO	330UF	16WV		
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV	E1E2Q1	
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV	K1P1Y1	
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV	M1I1X1	
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV	M2I2V2	
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV	M5	
C13			CC73FSL1H470J	CHIP C	47PF	J	E1E2Q1	
C13			CC73FSL1H470J	CHIP C	47PF	J	K1P1Y1	
C13			CC73FSL1H470J	CHIP C	47PF	J	M1I1X1	
C13			CC73FSL1H470J	CHIP C	47PF	J	M2I2V2	
C13			CC73FSL1H470J	CHIP C	47PF	J	M5	
C15, 16			CE04LW1A101M	ELECTRO	100UF	10WV		
C17, 18			CC73FSL1H100D	CHIP C	10PF	D		
C19, 20			CK73FB1H222K	CHIP C	2200PF	K		

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C21, 22			CQ93FMG1H104J	MYLAR	0.10UF	J		
C21, 22			CQ93FMG1H104J	MYLAR	0.10UF	J	K1P1Y1	
C21, 22			CQ93FMG1H104J	MYLAR	0.10UF	J	K2P2X2	
C21, 22			CQ93FMG1H104J	MYLAR	0.10UF	J	M1I1X1	
C21, 22			CQ93FMG1H104J	MYLAR	0.10UF	J	M2I2V2	
C21, 22			CQ93FMG1H104J	MYLAR	0.10UF	J	M5	
C21, 22			CQ93FMG1H224J	MYLAR	0.22UF	J	E1E2Q1	
C21, 22			CQ93FMG1H224J	MYLAR	0.22UF	J	E3Q2	
C23, 24			CQ93FMG1H224J	MYLAR	0.22UF	J	E1E2Q1	
C23, 24			CQ93FMG1H224J	MYLAR	0.22UF	J	E3Q2	
C25, 26			CE04LW1A101M	ELECTRO	100UF	10WV		
C27, 28			CC73FSL1H100D	CHIP C	10PF	D		
C29			CK73FB1H103K	CHIP C	0.010UF	K		
C30			CK73FB1H222K	CHIP C	2200PF	K		
C31, 32			CQ93FMG1H224J	MYLAR	0.22UF	J	E1E2Q1	
C31, 32			CQ93FMG1H224J	MYLAR	0.22UF	J	Q2E3	
C33, 34			CQ93FMG1H104J	MYLAR	0.10UF	J	K1P1Y1	
C33, 34			CQ93FMG1H104J	MYLAR	0.10UF	J	K2P2Y2	
C33, 34			CQ93FMG1H104J	MYLAR	0.10UF	J	M1I1X1	
C33, 34			CQ93FMG1H104J	MYLAR	0.10UF	J	M2I2V2	
C33, 34			CQ93FMG1H104J	MYLAR	0.10UF	J	M5	
C33, 34			CQ93FMG1H224J	MYLAR	0.22UF	J	E1E2Q1	
C33, 34			CQ93FMG1H224J	MYLAR	0.22UF	J	E3Q2	
C35, 36			CK45FB1H332K	CERAMIC	3300PF	K		
C37~39			CK45FF1H472Z	CERAMIC	4700PF	Z		
C41			CE04LW1A101M	ELECTRO	100UF	10W	E1E2Q1	
C41			CE04LW1A101M	ELECTRO	100UF	10W	K1P1Y1	
C41			CE04LW1A101M	ELECTRO	100UF	10W	M1I1X1	
C41			CE04LW1A101M	ELECTRO	100UF	10W	M2I2V2	
C41			CE04LW1A101M	ELECTRO	100UF	10W	M5	
C43			CC73FSL1H100D	CHIP C	10PF	D	E1E2Q1	
C43			CC73FSL1H100D	CHIP C	10PF	D	K1P1Y1	
C43			CC73FSL1H100D	CHIP C	10PF	D	M1I1X1	
C43			CC73FSL1H100D	CHIP C	10PF	D	M2I2V2	
C43			CC73FSL1H100D	CHIP C	10PF	D	M5	
C45			CK73FB1H103K	CHIP C	0.010UF	K	E1E2Q1	
C45			CK73FB1H103K	CHIP C	0.010UF	K	K1P1Y1	
C45			CK73FB1H103K	CHIP C	0.010UF	K	M1I1X1	
C45			CK73FB1H103K	CHIP C	0.010UF	K	M2I2V2	
C45			CK73FB1H103K	CHIP C	0.010UF	K	M5	
C47			CQ93FMG1H104J	MYLAR	0.10UF	J	K1P1Y1	
C47			CQ93FMG1H104J	MYLAR	0.10UF	J	M1I1X1	
C47			CQ93FMG1H104J	MYLAR	0.10UF	J	M2I2V2	
C47			CQ93FMG1H104J	MYLAR	0.10UF	J	M5	
C47			CQ93FMG1H224J	MYLAR	0.22UF	J	E1E2Q1	
C49			CQ93FMG1H224J	MYLAR	0.22UF	J	E1E2Q1	
C51			CK45FB1H332K	CERAMIC	3300PF	K	E1E2Q1	
C51			CK45FB1H332K	CERAMIC	3300PF	K	K1P1Y1	
C51			CK45FB1H332K	CERAMIC	3300PF	K	M1I1X1	
C51			CK45FB1H332K	CERAMIC	3300PF	K	M2I2V2	
C51			CK45FB1H332K	CERAMIC	3300PF	K	M5	
C53			CK45FB1H332K	CERAMIC	3300PF	K	E1E2Q1	
C53			CK45FB1H332K	CERAMIC	3300PF	K	K1P1Y1	
C53			CK45FB1H332K	CERAMIC	3300PF	K	M1I1X1	
C53			CK45FB1H332K	CERAMIC	3300PF	K	M2I2V2	

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C53			CK45FB1H332K	CERAMIC 3300PF K	M5	
C55, 56		*	C90-3440-05	ALMINIUM ELECTROLYTIC C.		
C57, 58			CK45FE2H472P	CERAMIC 4700PF P		
C59, 60			C90-3396-05	ELECTRO 47UF 35WV	E1E2Q1	
C59, 60			C90-3396-05	ELECTRO 47UF 35WV	K1P1Y1	
C59, 60			C90-3396-05	ELECTRO 47UF 35WV	M1I1X1	
C59, 60			C90-3396-05	ELECTRO 47UF 35WV	M2I2V2	
C59, 60			C90-3396-05	ELECTRO 47UF 35WV	M5	
C61		*	C90-3440-05	ALMINIUM ELECTROLYTIC C.	E1E2Q1	
C61		*	C90-3440-05	ALMINIUM ELECTROLYTIC C.	K1P1Y1	
C61		*	C90-3440-05	ALMINIUM ELECTROLYTIC C.	M1I1X1	
C61		*	C90-3440-05	ALMINIUM ELECTROLYTIC C.	M2I2V2	
C61		*	C90-3440-05	ALMINIUM ELECTROLYTIC C.	M5	
C62			CE04LW2A100M	ELECTRO 10UF 100WV	V2	
C62			C90-3707-05	ALMINIUM ELECTROLYTIC C.	E1E2Q1	
C62			C90-3707-05	ALMINIUM ELECTROLYTIC C.	K1P1Y1	
C62			C90-3707-05	ALMINIUM ELECTROLYTIC C.	K2P2X2	
C62			C90-3707-05	ALMINIUM ELECTROLYTIC C.	M1I1X1	
C62			C90-3707-05	ALMINIUM ELECTROLYTIC C	M5	
C63, 64			CK45FE2H472P	CERAMIC 4700PF P	E1E2Q1	
C63, 64			CK45FE2H472P	CERAMIC 4700PF P	K1P1Y1	
C63, 64			CK45FE2H472P	CERAMIC 4700PF P	M1I1X1	
C63, 64			CK45FE2H472P	CERAMIC 4700PF P	M2I2V2	
C63, 64			CK45FE2H472P	CERAMIC 4700PF P	M5	
C63, 64		*	C90-3416-05		E3Q2	
C63, 64		*	C90-3416-05		K2P2X2	
C65, 66			C90-3396-05	ELECTRO 47UF 35WV	E1E2Q1	
C65, 66			C90-3396-05	ELECTRO 47UF 35WV	K1P1Y1	
C65, 66			C90-3396-05	ELECTRO 47UF 35WV	M1I1X1	
C65, 66			C90-3396-05	ELECTRO 47UF 35WV	M2I2V2	
C65, 66			C90-3396-05	ELECTRO 47UF 35WV	M5	
C67, 68			CE04LW1C100M	ELECTRO 10UF 16WV		
C69			CE04LW1C470M	ELECTRO 47UF 16WV	V2	
C69			C90-3649-05	ELECTRO 47UF 16WV	E1E2Q1	
C69			C90-3649-05	ELECTRO 47UF 16WV	E3Q2	
C69			C90-3649-05	ELECTRO 47UF 16WV	K1P1Y1	
C69			C90-3649-05	ELECTRO 47UF 16WV	K2P2X2	
C69			C90-3649-05	ELECTRO 47UF 16WV	M1I1X1	
C69			C90-3649-05	ELECTRO 47UF 16WV	M2I2M5	
C70			CE04LW1C101M	ELECTRO 100UF 16WV	V2	
C70			C90-3650-05	ELECTRO 100UF 16WV	E1E2Q1	
C70			C90-3650-05	ELECTRO 100UF 16WV	E3Q2	
C70			C90-3650-05	ELECTRO 100UF 16WV	K1P1Y1	
C70			C90-3650-05	ELECTRO 100UF 16WV	K2P2X2	
C70			C90-3650-05	ELECTRO 100UF 16WV	M1I1X1	
C70			C90-3650-05	ELECTRO 100UF 16WV	M2I2M5	
C71			CE04LW1C100M	ELECTRO 10UF 16WV	V2	
C71			C90-3658-05	ELECTRO 10UF 16WV	E1E2Q1	
C71			C90-3658-05	ELECTRO 10UF 16WV	E3Q2	
C71			C90-3658-05	ELECTRO 10UF 16WV	K1P1Y1	
C71			C90-3658-05	ELECTRO 10UF 16WV	K2P2X2	
C71			C90-3658-05	ELECTRO 10UF 16WV	M1I1X1	
C71			C90-3658-05	ELECTRO 10UF 16WV	M2I2M5	
C72			CK73FB1H103K	CHIP C 0.010UF K		
C75, 76			CC73FSL1H101J	CHIP C 100PF J		

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
C77		*	C90-3440-05	ALMINIUM ELECTROLYTIC C.		
C78			CE04LW2A100M	ELECTRO 10UF 100WV	V2	
C78			C90-3707-05	ALMINIUM ELECTROLYTIC C.	E1E2Q1	
C78			C90-3707-05	ALMINIUM ELECTROLYTIC C.	E3Q2	
C78			C90-3707-05	ALMINIUM ELECTROLYTIC C.	K1P1Y1	
C78			C90-3707-05	ALMINIUM ELECTROLYTIC C.	K2P2X2	
C78			C90-3707-05	ALMINIUM ELECTROLYTIC C.	M1I1X1	
C78			C90-3707-05	ALMINIUM ELECTROLYTIC C.	M2I2M5	
C79, 80			C90-3707-05	ALMINIUM ELECTROLYTIC C.	K2P2X2	
C79, 80			C90-3707-05	ALMINIUM ELECTROLYTIC C.	Q2E3	
C81			CQ93FMG1H103J	MYLAR 0.010UF J		
C82			CQ93FMG1H102J	MYLAR 1000PF J		
C101~107			CE04LW1C100M	ELECTRO 10UF 16WV		
C111			CE04LW1C470M	ELECTRO 47UF 16WV		
C113			CQ93FMG1H104J	MYLAR 0.10UF J		
C114			CC73FSL1H101J	CHIP C 100PF J		
C115			CE04LW1C220M	ELECTRO 22UF 16WV		
C116			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C117			CK73FB1H103K	CHIP C 0.010UF K		
C118			CQ93FMG1H182J	MYLAR 1800PF J		
C119			CQ93FMG1H683J	MYLAR 0.068UF J		
C120, 121			CQ93FMG1H104J	MYLAR 0.10UF J		
C122			CQ93FMG1H683J	MYLAR 0.068UF J		
C123			CK45FF1H103Z	CERAMIC 0.010UF Z		
C124			CK73FB1H182K	CHIP C 1800PF K		
C125			CK45FF1H103Z	CERAMIC 0.010UF Z		
C126			CQ93FMG1H104J	MYLAR 0.10UF J		
C127			CC73FSL1H221J	CHIP C 220PF J		
C128			CK73FB1H562K	CHIP C 5600PF K		
C129			CK73FB1E473KTA	CHIP C 0.047UF K		
C130			CK73FF1C105Z	CHIP C 1.0UF Z		
C131, 132			CQ93FMG1H224J	MYLAR 0.22UF J		
C133, 134			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C135, 136			CQ93FMG1H224J	MYLAR 0.22UF J		
C137			CQ93FMG1H104J	MYLAR 0.10UF J		
C138, 139			CQ93FMG1H473J	MYLAR 0.047UF J		
C140, 141			CQ93FMG1H104J	MYLAR 0.10UF J		
C142, 143			CQ93FMG1H223J	MYLAR 0.022UF J		
C144			CQ93FMG1H104J	MYLAR 0.10UF J		
C145			CK73FB1H681K	CHIP C 680PF K		
C146, 147			CK73FB1C104K	CHIP C 0.10UF K		
C148			CK73FB1H681K	CHIP C 680PF K		
C149, 150			CK73FB1C104K	CHIP C 0.10UF K		
C151			CE04LW1C220M	ELECTRO 22UF 16WV		
C152			CE04LW1E221M	ELECTRO 220UF 25WV		
C153			CE04LW1C100M	ELECTRO 10UF 16WV		
C154			CQ93FMG1H562J	MYLAR 5600PF J		
CN1			E40-3249-05	PIN ASSY		
CN2			E40-3257-05	PIN ASSY		
CN3			E40-3250-05	PIN ASSY		
CN4			E40-3248-05	PIN ASSY		
CN5			E40-4280-05	PIN ASSY		
J1			E70-0057-05	LOCK TERMINAL BOARD(4P)	K2P2X2	
J1			E70-0057-05	LOCK TERMINAL BOARD(4P)	Q2E3	

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J1			E70-0099-05	LOCK TERMINAL BOARD(8P)				E1E2Q1	
J1			E70-0099-05	LOCK TERMINAL BOARD(8P)				K1P1Y1	
J1			E70-0099-05	LOCK TERMINAL BOARD(8P)				M1I1X1	
J1			E70-0099-05	LOCK TERMINAL BOARD(8P)				M2I2M5	
J1		*	E70-0103-05	LOCK TERMINAL BOARD(8P)				V2	
J2			E70-0046-05	LOCK TERMINAL BOARD(6P)				E1E2Q1	
J2			E70-0046-05	LOCK TERMINAL BOARD(6P)				K1P1Y1	
J2			E70-0046-05	LOCK TERMINAL BOARD(6P)				K2P2X2	
J2			E70-0046-05	LOCK TERMINAL BOARD(6P)				M1I1X1	
J2			E70-0046-05	LOCK TERMINAL BOARD(6P)				M2I2M5	
J2		*	E70-0102-05	LOCK TERMINAL BOARD(6P)				V2	
J3			E63-0116-05	PHONO JACK(1P)				K2P2X2	
J3			E63-0116-05	PHONO JACK(1P)				Q2E3	
-			F20-1405-15	INSULATING SHEET					
E3			J11-0809-05	WIRE CLAMPER					
L1~4			L39-1373-05	PHASE COMPENSATION COIL					
L5			L39-1373-05	PHASE COMPENSATION COIL				E1E2Q1	
L5			L39-1373-05	PHASE COMPENSATION COIL				K1P1Y1	
L5			L39-1373-05	PHASE COMPENSATION COIL				M1I1X1	
L5			L39-1373-05	PHASE COMPENSATION COIL				M2I2V2	
L5			L39-1373-05	PHASE COMPENSATION COIL				M5	
X1			L78-0244-05	RESONATOR (4.000M)					
R1			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R3			RK73FB2A152J	CHIP R	1.5K	J	1/10W		
R5, 6			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R8, 9			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R11			RK73FB2A104J	CHIP R	100K	J	1/10W		
R13, 14			RK73FB2A563J	CHIP R	56K	J	1/10W		
R31			RK73FB2A332J	CHIP R	3.3K	J	1/10W	E1E2Q1	
R31			RK73FB2A332J	CHIP R	3.3K	J	1/10W	K1P1Y1	
R31			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M1I1X1	
R31			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M2I2V2	
R31			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M5	
R33			RK73FB2A152J	CHIP R	1.5K	J	1/10W	E1E2Q1	
R33			RK73FB2A152J	CHIP R	1.5K	J	1/10W	K1P1Y1	
R33			RK73FB2A152J	CHIP R	1.5K	J	1/10W	M1I1X1	
R33			RK73FB2A152J	CHIP R	1.5K	J	1/10W	M2I2V2	
R33			RK73FB2A152J	CHIP R	1.5K	J	1/10W	M5	
R35			RK73FB2A222J	CHIP R	2.2K	J	1/10W	E1E2Q1	
R35			RK73FB2A222J	CHIP R	2.2K	J	1/10W	K1P1Y1	
R35			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M1I1X1	
R35			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M2I2V2	
R35			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M5	
R37			RK73FB2A222J	CHIP R	2.2K	J	1/10W	E1E2Q1	
R37			RK73FB2A222J	CHIP R	2.2K	J	1/10W	K1P1Y1	
R37			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M1I1X1	
R37			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M2I2V2	
R37			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M5	
R39			RK73FB2A222J	CHIP R	2.2K	J	1/10W	E1E2Q1	
R39			RK73FB2A222J	CHIP R	2.2K	J	1/10W	K1P1Y1	
R39			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M1I1X1	
R39			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M2I2V2	

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R39			RK73FB2A222J	CHIP R	2.2K	J	1/10W	M5	
R41			RK73FB2A104J	CHIP R	100K	J	1/10W	E1E2Q1	
R41			RK73FB2A104J	CHIP R	100K	J	1/10W	K1P1Y1	
R41			RK73FB2A104J	CHIP R	100K	J	1/10W	M1I1X1	
R41			RK73FB2A104J	CHIP R	100K	J	1/10W	M2I2V2	
R41			RK73FB2A104J	CHIP R	100K	J	1/10W	M5	
R43			RK73FB2A563J	CHIP R	56K	J	1/10W	E1E2Q1	
R43			RK73FB2A563J	CHIP R	56K	J	1/10W	K1P1Y1	
R43			RK73FB2A563J	CHIP R	56K	J	1/10W	M1I1X1	
R43			RK73FB2A563J	CHIP R	56K	J	1/10W	M2I2V2	
R43			RK73FB2A563J	CHIP R	56K	J	1/10W	M5	
R45, 46			RK73FB2A431J	CHIP R	430	J	1/10W		
R47, 48			RK73FB2A563J	CHIP R	56K	J	1/10W		
R49, 50			R92-1866-05	METAL FILM	0.1		2W		
R51, 52			RK73FB2A272J	CHIP R	2.7K	J	1/10W	K2P2X2	
R51, 52			RK73FB2A272J	CHIP R	2.7K	J	1/10W	Q2E3	
R51, 52			RK73FB2A432J	CHIP R	4.3K	J	1/10W	E1E2Q1	
R51, 52			RK73FB2A432J	CHIP R	4.3K	J	1/10W	K1P1Y1	
R51, 52			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M1I1X1	
R51, 52			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M2I2V2	
R51, 52			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M5	
R53, 54			RK73FB2A432J	CHIP R	4.3K	J	1/10W		
R55, 56			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R57			RK73FB2A473J	CHIP R	47K	J	1/10W		
R59, 60			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
R62			RK73FB2A103J	CHIP R	10K	J	1/10W		
R65, 66			RK73FB2A563J	CHIP R	56K	J	1/10W		
R67, 68			R92-1866-05	METAL FILM	0.1		2W		
R69			RK73FB2A332J	CHIP R	3.3K	J	1/10W	E1E2Q1	
R69			RK73FB2A332J	CHIP R	3.3K	J	1/10W	K1P1Y1	
R69			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M1I1X1	
R69			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M2I2V2	
R69			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M5	
R69			RK73FB2A431J	CHIP R	430	J	1/10W	K2P2X2	
R69			RK73FB2A431J	CHIP R	430	J	1/10W	Q2E3	
R70			RK73FB2A272J	CHIP R	2.7K	J	1/10W	E1E2Q1	
R70			RK73FB2A272J	CHIP R	2.7K	J	1/10W	K1P1Y1	
R70			RK73FB2A272J	CHIP R	2.7K	J	1/10W	M1I1X1	
R70			RK73FB2A272J	CHIP R	2.7K	J	1/10W	M2I2V2	
R70			RK73FB2A272J	CHIP R	2.7K	J	1/10W	M5	
R70			RK73FB2A431J	CHIP R	430	J	1/10W	K2P2X2	
R70			RK73FB2A431J	CHIP R	430	J	1/10W	Q2E3	
R71, 72			RK73FB2A202J	CHIP R	2.0K	J	1/10W	K2P2X2	
R71, 72			RK73FB2A202J	CHIP R	2.0K	J	1/10W	Q2E3	
R71, 72			RK73FB2A432J	CHIP R	4.3K	J	1/10W	E1E2Q1	
R71, 72			RK73FB2A432J	CHIP R	4.3K	J	1/10W	K1P1Y1	
R71, 72			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M1I1X1	
R71, 72			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M2I2V2	
R71, 72			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M5	
R73, 74			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R77, 78			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
R79, 80			RK73FB2A103J	CHIP R	10K	J	1/10W		
R81, 84			RD14NB2E4R7J	RD	4.7	J	1/4W		
R85			RD14NB2E4R7J	RD	4.7	J	1/4W	E1E2Q1	
R85			RD14NB2E4R7J	RD	4.7	J	1/4W	K1P1Y1	

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R85			RD14NB2E4R7J	RD	4.7	J	1/4W	M1I1X1	
R85			RD14NB2E4R7J	RD	4.7	J	1/4W	M2I2V2	
R85			RD14NB2E4R7J	RD	4.7	J	1/4W	M5	
⚠ R89, 90			RD14NB2E2R2J	RD	2.2	J	1/4W		
R93			RK73FB2A563J	CHIP R	56K	J	1/10W	E1E2Q1	
R93			RK73FB2A563J	CHIP R	56K	J	1/10W	K1P1Y1	
R93			RK73FB2A563J	CHIP R	56K	J	1/10W	M1I1X1	
R93			RK73FB2A563J	CHIP R	56K	J	1/10W	M2I2V2	
R93			RK73FB2A563J	CHIP R	56K	J	1/10W	M5	
R95			R92-1866-05	METAL FILM	0.1		2W	E1E2Q1	
R95			R92-1866-05	METAL FILM	0.1		2W	K1P1Y1	
R95			R92-1866-05	METAL FILM	0.1		2W	M1I1X1	
R95			R92-1866-05	METAL FILM	0.1		2W	M2I2V2	
R95			R92-1866-05	METAL FILM	0.1		2W	M5	
R97			RK73FB2A332J	CHIP R	3.3K	J	1/10W	E1E2Q1	
R97			RK73FB2A332J	CHIP R	3.3K	J	1/10W	K1P1Y1	
R97			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M1I1X1	
R97			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M2I2V2	
R97			RK73FB2A332J	CHIP R	3.3K	J	1/10W	M5	
R99			RK73FB2A432J	CHIP R	4.3K	J	1/10W	E1E2Q1	
R99			RK73FB2A432J	CHIP R	4.3K	J	1/10W	K1P1Y1	
R99			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M1I1X1	
R99			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M2I2V2	
R99			RK73FB2A432J	CHIP R	4.3K	J	1/10W	M5	
R100			RS14KB3D101J	FL-PROOF RS	100	J	2W		
R101			RK73FB2A102J	CHIP R	1.0K	J	1/10W	E1E2Q1	
R101			RK73FB2A102J	CHIP R	1.0K	J	1/10W	K1P1Y1	
R101			RK73FB2A102J	CHIP R	1.0K	J	1/10W	M1I1X1	
R101			RK73FB2A102J	CHIP R	1.0K	J	1/10W	M2I2V2	
R101			RK73FB2A102J	CHIP R	1.0K	J	1/10W	M5	
R102			RS14KB3D101J	FL-PROOF RS	100	J	2W		
R105			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W	E1E2Q1	
R105			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W	K1P1Y1	
R105			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W	M1I1X1	
R105			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W	M2I2V2	
R105			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W	M5	
R107			RK73FB2A103J	CHIP R	10K	J	1/10W	E1E2Q1	
R107			RK73FB2A103J	CHIP R	10K	J	1/10W	K1P1Y1	
R107			RK73FB2A103J	CHIP R	10K	J	1/10W	M1I1X1	
R107			RK73FB2A103J	CHIP R	10K	J	1/10W	M2I2V2	
R107			RK73FB2A103J	CHIP R	10K	J	1/10W	M5	
R110			RS14KB3D101J	FL-PROOF RS	100	J	2W		
R113, 114			RK73FB2A223J	CHIP R	22K	J	1/10W		
R115, 116			RD14NB2E103J	RD	10K	J	1/4W		
R119, 120			RD14NB2E2R2J	RD	2.2	J	1/4W	E1E2Q1	
⚠ R119, 120			RD14NB2E2R2J	RD	2.2	J	1/4W	K1P1Y1	
R119, 120			RD14NB2E2R2J	RD	2.2	J	1/4W	M1I1X1	
R119, 120			RD14NB2E2R2J	RD	2.2	J	1/4W	M2I2V2	
R119, 120			RD14NB2E2R2J	RD	2.2	J	1/4W	M5	
R121			RK73FB2A333J	CHIP R	33K	J	1/10W		
R124, 125			RK73FB2A392J	CHIP R	3.9K	J	1/10W	E1E2Q1	
R124, 125			RK73FB2A392J	CHIP R	3.9K	J	1/10W	K1P1Y1	
R124, 125			RK73FB2A392J	CHIP R	3.9K	J	1/10W	M1I1X1	
R124, 125			RK73FB2A392J	CHIP R	3.9K	J	1/10W	M2I2V2	
R124, 125			RK73FB2A392J	CHIP R	3.9K	J	1/10W	M5	

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
R129, 130			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
⚠ R135			RS14KB3A271J	FL-PROOF RS	270	J	1W		
R136			RK73FB2A431J	CHIP R	430	J	1/10W		
R137			RK73FB2A101J	CHIP R	100	J	1/10W		
R138			RD14NB2E101J	RD	100	J	1/4W		
R139			RK73FB2A621J	CHIP R	620	J	1/10W	K2P2X2	
R139			RK73FB2A621J	CHIP R	620	J	1/10W	Q2E3	
R140, 141			RK73FB2A123J	CHIP R	12K	J	1/10W	K2P2X2	
R140, 141			RK73FB2A123J	CHIP R	12K	J	1/10W	Q2E3	
R142			RK73FB2C123J	CHIP R	12K	J	1/6W	K2P2X2	
R142			RK73FB2C123J	CHIP R	12K	J	1/6W	Q2E3	
R143, 144			RS14KB3A101J	FL-PROOF RS	100	J	1W	K2P2X2	
R143, 144			RS14KB3A101J	FL-PROOF RS	100	J	1W	Q2E3	
R145, 146			RK73FB2A103J	CHIP R	10K	J	1/10W	E1E2Q1	
R145, 146			RK73FB2A103J	CHIP R	10K	J	1/10W	K1P1Y1	
R145, 146			RK73FB2A103J	CHIP R	10K	J	1/10W	M1I1X1	
R145, 146			RK73FB2A103J	CHIP R	10K	J	1/10W	M2I2V2	
⚠ R147, 148			RS14KB3D2R7J	FL-PROOF RS	2.7	J	2W		
R152~154			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R156			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R158			RK73FB2A243J	CHIP R	24K	J	1/10W		
R159			RK73FB2A334J	CHIP R	330K	J	1/10W		
R160			RK73FB2A473J	CHIP R	47K	J	1/10W		
R161			RK73FB2A153J	CHIP R	15K	J	1/10W		
R162			RK73FB2A752J	CHIP R	7.5K	J	1/10W		
R163			RK73FB2A473J	CHIP R	47K	J	1/10W		
R164			RK73FB2A153J	CHIP R	15K	J	1/10W		
R165			RK73FB2A752J	CHIP R	7.5K	J	1/10W		
R166			RK73FB2A475J	CHIP R	4.7M	J	1/10W		
R167			RK73FB2A104J	CHIP R	100K	J	1/10W		
W69			R92-0670-05	CHIP R	0 OHM				
K1, 2			S76-0076-05	MAGNETIC RELAY					
K3			S76-0078-05	MAGNETIC RELAY				E1E2Q1	
K3			S76-0078-05	MAGNETIC RELAY				K1P1Y1	
K3			S76-0078-05	MAGNETIC RELAY				M1I1X1	
K3			S76-0078-05	MAGNETIC RELAY				M2I2V2	
K3			S76-0078-05	MAGNETIC RELAY				M5	
K4			S76-0076-05	MAGNETIC RELAY					
D1, 2			HZS8.2N(B2)	ZENER DIODE				E1E2Q1	
D1, 2			HZS8.2N(B2)	ZENER DIODE				K1P1Y1	
D1, 2			HZS8.2N(B2)	ZENER DIODE				M1I1X1	
D1, 2			HZS8.2N(B2)	ZENER DIODE				M2I2V2	
D1, 2			HZS8.2N(B2)	ZENER DIODE				M5	
D1, 2			MTZJ8.2(B)	ZENER DIODE				E1E2Q1	
D1, 2			MTZJ8.2(B)	ZENER DIODE				K1P1Y1	
D1, 2			MTZJ8.2(B)	ZENER DIODE				M1I1X1	
D1, 2			MTZJ8.2(B)	ZENER DIODE				M2I2V2	
D1, 2			MTZJ8.2(B)	ZENER DIODE				M5	
D4, 5			HZS8.2N(B2)	ZENER DIODE				E1E2Q1	
D4, 5			HZS8.2N(B2)	ZENER DIODE				K1P1Y1	
D4, 5			HZS8.2N(B2)	ZENER DIODE				M1I1X1	
D4, 5			HZS8.2N(B2)	ZENER DIODE				M2I2V2	
D4, 5			HZS8.2N(B2)	ZENER DIODE				M5	

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
D4, 5			MTZJ8.2(B)	ZENER DIODE	E1E2Q1	
D4, 5			MTZJ8.2(B)	ZENER DIODE	K1P1Y1	
D4, 5			MTZJ8.2(B)	ZENER DIODE	M1I1X1	
D4, 5			MTZJ8.2(B)	ZENER DIODE	M2I2V2	
D4, 5			MTZJ8.2(B)	ZENER DIODE	M5	
D7, 8			HSS104A	DIODE		
D7, 8			1SS133	DIODE		
D9			HZS11N(B2)	ZENER DIODE		
D9			MTZJ11(B)	ZENER DIODE		
D10			HZS5.1N(B2)	ZENER DIODE		
D10			MTZJ5.1(B)	ZENER DIODE		
D11			HSS104A	DIODE		
D11			1SS133	DIODE		
D12, 13			HZS10N(B2)	ZENER DIODE		
D12, 13			MTZJ10(B)	ZENER DIODE		
D14~17			HSS104A	DIODE		
D14~17			1SS133	DIODE		
D18			HSS104A	DIODE	E1E2Q1	
D18			HSS104A	DIODE	K1P1Y1	
D18			HSS104A	DIODE	M1I1X1	
D18			HSS104A	DIODE	M2I2V2	
D18			HSS104A	DIODE	M5	
D18			1SS133	DIODE	E1E2Q1	
D18			1SS133	DIODE	K1P1Y1	
D18			1SS133	DIODE	M1I1X1	
D18			1SS133	DIODE	M2I2V2	
D18			1SS133	DIODE	M5	
⚠ IC1			STK410-030D	HYBRID IC	E1E2Q1	
⚠ IC1			STK410-030D	HYBRID IC	K1P1Y1	
⚠ IC1			STK410-030D	HYBRID IC	M1I1X1	
⚠ IC1			STK410-030D	HYBRID IC	M2I2V2	
⚠ IC1			STK410-030D	HYBRID IC	M5	
⚠ IC1			STK410-030K	HYBRID IC	E1E2Q1	
⚠ IC1			STK410-030K	HYBRID IC	K1P1Y1	
⚠ IC1			STK410-030K	HYBRID IC	M1I1X1	
⚠ IC1			STK410-030K	HYBRID IC	M2I2V2	
⚠ IC2			STK411-230D	HYBRID IC	E1E2Q1	
⚠ IC2			STK411-230D	HYBRID IC	K1P1Y1	
⚠ IC2			STK411-230D	HYBRID IC	M1I1X1	
⚠ IC2			STK411-230D	HYBRID IC	M2I2V2	
⚠ IC2			STK411-230D	HYBRID IC	M5	
⚠ IC2			STK411-230K	HYBRID IC	E1E2Q1	
⚠ IC2			STK411-230K	HYBRID IC	K1P1Y1	
⚠ IC2			STK411-230K	HYBRID IC	M1I1X1	
⚠ IC2			STK411-230K	HYBRID IC	M2I2V2	
⚠ IC2			STK411-230K	HYBRID IC	M5	
IC3			M62460AFP-1	ANALOGUE IC		
IC4			M62429P	ANALOGUE IC		
⚠ IC5			STK407-710K	HYBRID IC	K2P2X2	
⚠ IC5			STK407-710K	HYBRID IC	Q2E3	
⚠ IC6			STK407-050K	HYBRID IC	K2P2X2	
⚠ IC6			STK407-050K	HYBRID IC	Q2E3	
IC7			M5278L05M	ANALOGUE IC		
Q1~4			2SC4213(B)	TRANSISTOR		
Q5~8			2SC2878(B)	TRANSISTOR		

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Q9~12			2SC3722K(R,S)	TRANSISTOR		
Q13			2SC4213(B)	TRANSISTOR	E1E2Q1	
Q13			2SC4213(B)	TRANSISTOR	K1P1Y1	
Q13			2SC4213(B)	TRANSISTOR	M1I1X1	
Q13			2SC4213(B)	TRANSISTOR	M2I2V2	
Q13			2SC4213(B)	TRANSISTOR	M5	
Q14			2SC2785(F,E)	TRANSISTOR	V2	
Q14			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q14			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q14			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q14			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q14			KTC3199(Y,GR)	TRANSISTOR	M2I2M5	
Q14			2SC1740S(Q,R)	TRANSISTOR		
Q15			2SC4213(B)	TRANSISTOR	E1E2Q1	
Q15			2SC4213(B)	TRANSISTOR	K1P1Y1	
Q15			2SC4213(B)	TRANSISTOR	M1I1X1	
Q15			2SC4213(B)	TRANSISTOR	M2I2V2	
Q15			2SC4213(B)	TRANSISTOR	M5	
Q16, 17			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q16, 17			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q16, 17			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q16, 17			KTC3199(Y,GR)	TRANSISTOR	M2I2M5	
Q16, 17			2SC1740S(Q,R)	TRANSISTOR		
Q16, 17			2SC2785(F,E)	TRANSISTOR	V2	
Q18			2SD2012	TRANSISTOR		
Q19			2SA1286-T11	TRANSISTOR		
Q20			2SC4081(R,S)	TRANSISTOR		
Q20			2SD1819A(Q,R)	TRANSISTOR		
⚠ Q21			2SC3940A(R,S)	TRANSISTOR		
⚠ Q22			2SB1624✻2	TRANSISTOR		
Q23			2SC3722K(R,S)	TRANSISTOR	E1E2Q1	
Q23			2SC3722K(R,S)	TRANSISTOR	K1P1Y1	
Q23			2SC3722K(R,S)	TRANSISTOR	M1I1X1	
Q23			2SC3722K(R,S)	TRANSISTOR	M2I2V2	
Q23			2SC3722K(R,S)	TRANSISTOR	M5	

AUDIO UNIT (X09-601/603X-XX)

C1, 2			CC45FSL1H221J	CERAMIC	220PF	J	
C3, 4			CC45FSL1H221J	CERAMIC	220PF	J	E1E2Q1
C3, 4			CC45FSL1H221J	CERAMIC	220PF	J	I2I3I4
C3, 4			CC45FSL1H221J	CERAMIC	220PF	J	M1I1X1
C3, 4			CC45FSL1H221J	CERAMIC	220PF	J	M2M3M4
C3, 4			CC45FSL1H221J	CERAMIC	220PF	J	Y1M5
C5			CC45FSL1H221J	CERAMIC	220PF	J	
C6			CE04LW1H100M	ELECTRO	10UF	50WV	E1E2Q1
C6			CE04LW1H100M	ELECTRO	10UF	50WV	I3V2V3
C6			CE04LW1H100M	ELECTRO	10UF	50WV	K1P1Y1
C6			CE04LW1H100M	ELECTRO	10UF	50WV	M1I1X1
C6			CE04LW1H100M	ELECTRO	10UF	50WV	M2M3I2
C6			CE04LW1H100M	ELECTRO	10UF	50WV	M5
C6			CK45FB1H102K	CERAMIC	1000PF	K	K2P2X2
C6			CK45FB1H102K	CERAMIC	1000PF	K	M4I4V4
C6			CK45FB1H102K	CERAMIC	1000PF	K	Q2E3
C7			CE04LW1H100M	ELECTRO	10UF	50WV	E1E2Q1
C7			CE04LW1H100M	ELECTRO	10UF	50WV	I3V2V3
C7			CE04LW1H100M	ELECTRO	10UF	50WV	K1P1Y1

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C7			CE04LW1H100M	ELECTRO	10UF	50WV	M1I1X1	
C7			CE04LW1H100M	ELECTRO	10UF	50WV	M2M3I2	
C7			CE04LW1H100M	ELECTRO	10UF	50WV	M5	
C7			CF92FV1H224J	MF-C	0.22UF	J	K2P2X2	
C7			CF92FV1H224J	MF-C	0.22UF	J	M4I4V4	
C7			CF92FV1H224J	MF-C	0.22UF	J	Q2E3	
C8			CE04LW1E222M	ELECTRO	2200UF	25WV	V2V3V4	
C8			C90-3667-05	ALUMINIUM ELECTROLYTIC	C.		I2I2I4	
C8			C90-3667-05	ALUMINIUM ELECTROLYTIC	C.		M2M3M4	
C9			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	E1E2Q1	
C9			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	I3V2V3	
C9			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	K1P1Y1	
C9			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	M1I1X1	
C9			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	M2M3I2	
C9			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	M5	
C10			CE04LW1C100M	ELECTRO	10UF	16WV	V2V3V4	
C10			C90-3684-05	ALUMINIUM ELECTROLYTIC	C.		I2I3I4	
C10			C90-3684-05	ALUMINIUM ELECTROLYTIC	C.		M2M3M4	
C11, 12			CE04LW1C100M	ELECTRO	10UF	16WV		
C13~16			CC45FSL1H101J	CERAMIC	100PF	J		
C17, 18			CE04LW1C100M	ELECTRO	10UF	16WV		
C19			CE04LW1E221M	ELECTRO	220UF	25WV	V2V3V4	
C19			C90-3663-05	ALUMINIUM ELECTROLYTIC	C.		I2I3I4	
C19			C90-3663-05	ALUMINIUM ELECTROLYTIC	C.		M2M3M4	
C21, 22			CF92FV1H104J	MF-C	0.10UF	J		
C23			CE04LW1C221M	ELECTRO	220UF	16WV	V2V3V4	
C23			C90-3651-05	ELECTRO	220UF	16WV	E1E2Q1	
C23			C90-3651-05	ELECTRO	220UF	16WV	E3Q2M5	
C23			C90-3651-05	ELECTRO	220UF	16WV	I2I3I4	
C23			C90-3651-05	ELECTRO	220UF	16WV	K1P1Y1	
C23			C90-3651-05	ELECTRO	220UF	16WV	K2P2X2	
C23			C90-3651-05	ELECTRO	220UF	16WV	M1I1X1	
C23			C90-3651-05	ELECTRO	220UF	16WV	M2M3M4	
C24, 25			CF92FV1H104J	MF-C	0.10UF	J		
C26			CE04LW1C221M	ELECTRO	220UF	16WV	V2V3V4	
C26			C90-3651-05	ELECTRO	220UF	16WV	E1E2Q1	
C26			C90-3651-05	ELECTRO	220UF	16WV	E3Q2M5	
C26			C90-3651-05	ELECTRO	220UF	16WV	I2I3I4	
C26			C90-3651-05	ELECTRO	220UF	16WV	K1P1Y1	
C26			C90-3651-05	ELECTRO	220UF	16WV	K2P2X2	
C26			C90-3651-05	ELECTRO	220UF	16WV	M1I1X1	
C26			C90-3651-05	ELECTRO	220UF	16WV	M2M3M4	
C27			CE04LW1C101M	ELECTRO	100UF	16WV		
C28			CE04LW1C100M	ELECTRO	10UF	16WV		
C29			CF92FV1H394J	MF-C	0.39UF	J	E1E2Q1	
C29			CF92FV1H394J	MF-C	0.39UF	J	I3V2V3	
C29			CF92FV1H394J	MF-C	0.39UF	J	K1P1Y1	
C29			CF92FV1H394J	MF-C	0.39UF	J	M1I1X1	
C29			CF92FV1H394J	MF-C	0.39UF	J	M2M3I2	
C29			CF92FV1H394J	MF-C	0.39UF	J	M5	
C30			CQ93FMG1H333J	MYLAR	0.033UF	J	E1E2Q1	
C30			CQ93FMG1H333J	MYLAR	0.033UF	J	I3V2V3	
C30			CQ93FMG1H333J	MYLAR	0.033UF	J	K1P1Y1	
C30			CQ93FMG1H333J	MYLAR	0.033UF	J	M1I1X1	
C30			CQ93FMG1H333J	MYLAR	0.033UF	J	M2M3I2	

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C30			CQ93FMG1H333J	MYLAR	0.033UF	J	M5	
C31			CE04LW1A101M	ELECTRO	100UF	10WV		
C32~34			CE04LW1C100M	ELECTRO	10UF	16WV		
C35, 36			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C37, 38			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C39			CK45FF1H472Z	CERAMIC	4700PF	Z		
C40			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C41			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C42			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C43, 44			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		
C45, 46			CQ93FMG1H104J	MYLAR	0.10UF	J	E1E2Q1	
C45, 46			CQ93FMG1H104J	MYLAR	0.10UF	J	I3V2V3	
C45, 46			CQ93FMG1H104J	MYLAR	0.10UF	J	K1P1Y1	
C45, 46			CQ93FMG1H104J	MYLAR	0.10UF	J	M1I1X1	
C45, 46			CQ93FMG1H104J	MYLAR	0.10UF	J	M2M3I2	
C45, 46			CQ93FMG1H104J	MYLAR	0.10UF	J	M5	
C45, 46			CQ93FMG1H563J	MYLAR	0.056UF	J	K2P2X2	
C45, 46			CQ93FMG1H563J	MYLAR	0.056UF	J	M4I4V4	
C45, 46			CQ93FMG1H563J	MYLAR	0.056UF	J	Q2E3	
C47, 48			CE04LW1HR33M	ELECTRO	0.33UF	50WV		
C49, 50			CQ93FMG1H153J	MYLAR	0.015UF	J		
C51, 52			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C53, 54			CQ93FMG1H682J	MYLAR	6800PF	J		
C55, 56			CQ93FMG1H153J	MYLAR	0.015UF	J		
C57, 58			CQ93FMG1H102J	MYLAR	1000PF	J	K2P2X2	
C57, 58			CQ93FMG1H102J	MYLAR	1000PF	J	M4I4V4	
C57, 58			CQ93FMG1H102J	MYLAR	1000PF	J	Q2E3	
C57, 58			CQ93FMG1H332J	MYLAR	3300PF	J	E1E2Q1	
C57, 58			CQ93FMG1H332J	MYLAR	3300PF	J	I3V2V3	
C57, 58			CQ93FMG1H332J	MYLAR	3300PF	J	K1P1Y1	
C57, 58			CQ93FMG1H332J	MYLAR	3300PF	J	M1I1X1	
C57, 58			CQ93FMG1H332J	MYLAR	3300PF	J	M2M3I2	
C57, 58			CQ93FMG1H332J	MYLAR	3300PF	J	M5	
C59			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	E1E2Q1	
C59			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	I3V2V3	
C59			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	K1P1Y1	
C59			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	M1I1X1	
C59			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	M2M3I2	
C59			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	M5	
C61			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	E1E2Q1	
C61			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	I3V2V3	
C61			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	K1P1Y1	
C61			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	M1I1X1	
C61			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	M2M3I2	
C61			CE04LW1H3R3M	ELECTRO	3.3UF	50WV	M5	
C63~68			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		
C69			CC45FSL1H221J	CERAMIC	220PF	J		
C70			CE04HW1HR22M	NP-ELEC	0.22UF	50WV	E1E2Q1	
C70			CE04HW1HR22M	NP-ELEC	0.22UF	50WV	I3V2V3	
C70			CE04HW1HR22M	NP-ELEC	0.22UF	50WV	K1P1Y1	
C70			CE04HW1HR22M	NP-ELEC	0.22UF	50WV	M1I1X1	
C70			CE04HW1HR22M	NP-ELEC	0.22UF	50WV	M2I2M3	
C70			CE04HW1HR22M	NP-ELEC	0.22UF	50WV	M5	
C71, 72			CE04LW1C100M	ELECTRO	10UF	16WV		
C73, 74			CC45FSL1H101J	CERAMIC	100PF	J	E1E2Q1	

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C73, 74			CC45FSL1H101J	CERAMIC 100PF J	Q2E3	
C77, 78			CE04LW1C100M	ELECTRO 10UF 16WV		
C79			CK45FB1H102K	CERAMIC 1000PF K	I4V3V4	
C79			CK45FB1H102K	CERAMIC 1000PF K	M4M3I3	
C80			CK45FF1H103Z	CERAMIC 0.010UF Z	I4V3V4	
C80			CK45FF1H103Z	CERAMIC 0.010UF Z	M3M4I3	
C81			CE04LW1J101M	ELECTRO 100UF 63WV	K2P2X2	
C81			CE04LW1J101M	ELECTRO 100UF 63WV	M4I4V4	
C81			CE04LW1J101M	ELECTRO 100UF 63WV	Q2E3	
C81			CE04LW2A101M	ELECTRO 100UF 100WV	E1E2Q1	
C81			CE04LW2A101M	ELECTRO 100UF 100WV	I3V2V3	
C81			CE04LW2A101M	ELECTRO 100UF 100WV	K1P1Y1	
C81			CE04LW2A101M	ELECTRO 100UF 100WV	M1I1X1	
C81			CE04LW2A101M	ELECTRO 100UF 100WV	M2M3I2	
C81			CE04LW2A101M	ELECTRO 100UF 100WV	M5	
C82, 83			CE04LW1V470M	ELECTRO 47UF 35WV		
C88, 89			CE04LW1V222M	ELECTRO 2200UF 35WV	E3Q2	
C88, 89			CE04LW1V222M	ELECTRO 2200UF 35WV	K2P2X2	
C88, 89			CE04LW1V222M	ELECTRO 2200UF 35WV	M4I4V4	
C88, 89			C90-3790-05	ELECTRO 4700UF 35WV	E1E2Q1	
C88, 89			C90-3790-05	ELECTRO 4700UF 35WV	I3V2V3	
C88, 89			C90-3790-05	ELECTRO 4700UF 35WV	K1P1Y1	
C88, 89			C90-3790-05	ELECTRO 4700UF 35WV	M1I1X1	
C88, 89			C90-3790-05	ELECTRO 4700UF 35WV	M2M3I2	
C88, 89			C90-3790-05	ELECTRO 4700UF 35WV	M5	
C90, 91			C90-3789-05	ELECTRO 4700UF 75WV	E1E2Q1	
C90, 91			C90-3789-05	ELECTRO 4700UF 75WV	I3V2V3	
C90, 91			C90-3789-05	ELECTRO 4700UF 75WV	K1P1Y1	
C90, 91			C90-3789-05	ELECTRO 4700UF 75WV	M1I1X1	
C90, 91			C90-3789-05	ELECTRO 4700UF 75WV	M2M3I2	
C90, 91			C90-3789-05	ELECTRO 4700UF 75WV	M5	
C90, 91			C90-3791-05	ELECTRO 4700UF 63WV	E3Q2	
C90, 91			C90-3791-05	ELECTRO 4700UF 63WV	K2P2X2	
C90, 91			C90-3791-05	ELECTRO 4700UF 63WV	M4I4V4	
C94			CE04LW1C221M	ELECTRO 220UF 16WV	V2V3V4	
C94			C90-3651-05	ELECTRO 220UF 16WV	E1E2Q1	
C94			C90-3651-05	ELECTRO 220UF 16WV	E3Q2M5	
C94			C90-3651-05	ELECTRO 220UF 16WV	I2I3I4	
C94			C90-3651-05	ELECTRO 220UF 16WV	K1P1Y1	
C94			C90-3651-05	ELECTRO 220UF 16WV	K2P2X2	
C94			C90-3651-05	ELECTRO 220UF 16WV	M1I1X1	
C94			C90-3651-05	ELECTRO 220UF 16WV	M2M3M4	
C95			CE04LW1V4R7M	ELECTRO 4.7UF 35WV	V2V3V4	
C95			C90-3715-05	ELECTRO 4.7UF 35WV	E1E2Q1	
C95			C90-3715-05	ELECTRO 4.7UF 35WV	E3Q2M5	
C95			C90-3715-05	ELECTRO 4.7UF 35WV	I2I3I4	
C95			C90-3715-05	ELECTRO 4.7UF 35WV	K1P1Y1	
C95			C90-3715-05	ELECTRO 4.7UF 35WV	K2P2X2	
C95			C90-3715-05	ELECTRO 4.7UF 35WV	M1I1X1	
C95			C90-3715-05	ELECTRO 4.7UF 35WV	M2M3M4	
C96			CE04LW1A470M	ELECTRO 47UF 10WV	V2V3V4	
C96			C90-3714-05	ALUMINIUM ELECTROLYTIC C.	E1E2Q1	
C96			C90-3714-05	ALUMINIUM ELECTROLYTIC C.	E3Q2M5	
C96			C90-3714-05	ALUMINIUM ELECTROLYTIC C.	I2I3I4	
C96			C90-3714-05	ALUMINIUM ELECTROLYTIC C.	K1P1Y1	

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C96			C90-3714-05	ALUMINIUM ELECTROLYTIC C.	K2P2X2	
C96			C90-3714-05	ALUMINIUM ELECTROLYTIC C.	M1I1X1	
C96			C90-3714-05	ALUMINIUM ELECTROLYTIC C.	M2M3M4	
C97			CE04LW1V4R7M	ELECTRO 4.7UF 35WV	V2V3V4	
C97			C90-3715-05	ELECTRO 4.7UF 35WV	E1E2Q1	
C97			C90-3715-05	ELECTRO 4.7UF 35WV	E3Q2M5	
C97			C90-3715-05	ELECTRO 4.7UF 35WV	I2I3I4	
C97			C90-3715-05	ELECTRO 4.7UF 35WV	K1P1Y1	
C97			C90-3715-05	ELECTRO 4.7UF 35WV	K2P2X2	
C97			C90-3715-05	ELECTRO 4.7UF 35WV	M1I1X1	
C97			C90-3715-05	ELECTRO 4.7UF 35WV	M2M3M4	
C98			CE04LW1C470M	ELECTRO 47UF 16WV	V2V3V4	
C98			C90-3649-05	ELECTRO 47UF 16WV	E1E2Q1	
C98			C90-3649-05	ELECTRO 47UF 16WV	E3Q2M5	
C98			C90-3649-05	ELECTRO 47UF 16WV	I2I3I4	
C98			C90-3649-05	ELECTRO 47UF 16WV	K1P1Y1	
C98			C90-3649-05	ELECTRO 47UF 16WV	K2P2X2	
C98			C90-3649-05	ELECTRO 47UF 16WV	M1I1X1	
C98			C90-3649-05	ELECTRO 47UF 16WV	M2M3M4	
C99			CE04LW1C470M	ELECTRO 47UF 16WV		
C100			CK45FF1H103Z	CERAMIC 0.010UF Z		
C101			CE04LW1V4R7M	ELECTRO 4.7UF 35WV	V2V3V4	
C101			C90-3715-05	ELECTRO 4.7UF 35WV	E1E2Q1	
C101			C90-3715-05	ELECTRO 4.7UF 35WV	E3Q2M5	
C101			C90-3715-05	ELECTRO 4.7UF 35WV	I2I3I4	
C101			C90-3715-05	ELECTRO 4.7UF 35WV	K1P1Y1	
C101			C90-3715-05	ELECTRO 4.7UF 35WV	K2P2X2	
C101			C90-3715-05	ELECTRO 4.7UF 35WV	M1I1X1	
C101			C90-3715-05	ELECTRO 4.7UF 35WV	M2M3M4	
C102			CE04LW1A221M	ELECTRO 220UF 10WV	V2V3V4	
C102			C90-3644-05	ELECTRO 220UF 10WV	E1E2Q1	
C102			C90-3644-05	ELECTRO 220UF 10WV	E3Q2M5	
C102			C90-3644-05	ELECTRO 220UF 10WV	I2I3I4	
C102			C90-3644-05	ELECTRO 220UF 10WV	K1P1Y1	
C102			C90-3644-05	ELECTRO 220UF 10WV	K2P2X2	
C102			C90-3644-05	ELECTRO 220UF 10WV	M1I1X1	
C102			C90-3644-05	ELECTRO 220UF 10WV	M2M3M4	
C103			CE04LW1C220M	ELECTRO 22UF 16WV		
C104			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C106			CE04LW1V4R7M	ELECTRO 4.7UF 35WV	V2V3V4	
C106			C90-3715-05	ELECTRO 4.7UF 35WV	E1E2Q1	
C106			C90-3715-05	ELECTRO 4.7UF 35WV	E3Q2M5	
C106			C90-3715-05	ELECTRO 4.7UF 35WV	I2I3I4	
C106			C90-3715-05	ELECTRO 4.7UF 35WV	K1P1Y1	
C106			C90-3715-05	ELECTRO 4.7UF 35WV	K2P2X2	
C106			C90-3715-05	ELECTRO 4.7UF 35WV	M1I1X1	
C106			C90-3715-05	ELECTRO 4.7UF 35WV	M2M3M4	
C108, 109			CF92FV1H104J	MF-C 0.10UF J		
C110			CE04LW1C470M	ELECTRO 47UF 16WV	V2V3V4	
C110			C90-3649-05	ELECTRO 47UF 16WV	E1E2Q1	
C110			C90-3649-05	ELECTRO 47UF 16WV	E3Q2M5	
C110			C90-3649-05	ELECTRO 47UF 16WV	I2I3I4	
C110			C90-3649-05	ELECTRO 47UF 16WV	K1P1Y1	
C110			C90-3649-05	ELECTRO 47UF 16WV	K2P2X2	
C110			C90-3649-05	ELECTRO 47UF 16WV	M1I1X1	

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C110			C90-3649-05	ELECTRO	47UF	16WV	M2M3M4	
C111, 112			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C113			CE04LW0J471M	ELECTRO	470UF	6.3WV	V2V3V4	
C113			C90-3640-05	ALUMINIUM ELECTROLYTIC		C.	E1E2Q1	
C113			C90-3640-05	ALUMINIUM ELECTROLYTIC		C.	E3Q2M5	
C113			C90-3640-05	ALUMINIUM ELECTROLYTIC		C.	I2I3I4	
C113			C90-3640-05	ALUMINIUM ELECTROLYTIC		C.	K1P1Y1	
C113			C90-3640-05	ALUMINIUM ELECTROLYTIC		C.	K2P2X2	
C113			C90-3640-05	ALUMINIUM ELECTROLYTIC		C.	M1I1X1	
C113			C90-3640-05	ALUMINIUM ELECTROLYTIC		C.	M2M3M4	
C114			CC45FSL1H101J	CERAMIC	100PF	J		
C119, 120			CE04LW1C100M	ELECTRO	10UF	16WV		
C125, 126			CE04LW1V4R7M	ELECTRO	4.7UF	35WV	V2V3V4	
C125, 126			C90-3715-05	ELECTRO	4.7UF	35WV	E1E2Q1	
C125, 126			C90-3715-05	ELECTRO	4.7UF	35WV	E3Q2M5	
C125, 126			C90-3715-05	ELECTRO	4.7UF	35WV	I2I3I4	
C125, 126			C90-3715-05	ELECTRO	4.7UF	35WV	K1P1Y1	
C125, 126			C90-3715-05	ELECTRO	4.7UF	35WV	K2P2X2	
C125, 126			C90-3715-05	ELECTRO	4.7UF	35WV	M1I1X1	
C125, 126			C90-3715-05	ELECTRO	4.7UF	35WV	M2M3M4	
C128~130			CE04LW1H0R1M	ELECTRO	0.1UF	50WV	V2V3V4	
C128~130			C90-3717-05	ALUMINIUM ELECTROLYTIC		C.	E1E2Q1	
C128~130			C90-3717-05	ALUMINIUM ELECTROLYTIC		C.	E3Q2M5	
C128~130			C90-3717-05	ALUMINIUM ELECTROLYTIC		C.	I2I3I4	
C128~130			C90-3717-05	ALUMINIUM ELECTROLYTIC		C.	K1P1Y1	
C128~130			C90-3717-05	ALUMINIUM ELECTROLYTIC		C.	K2P2X2	
C128~130			C90-3717-05	ALUMINIUM ELECTROLYTIC		C.	M1I1X1	
C128~130			C90-3717-05	ALUMINIUM ELECTROLYTIC		C.	M2M3M4	
C131			CE04LW1C100M	ELECTRO	10UF	16WV	V2V3V4	
C131			C90-3658-05	ELECTRO	10UF	16WV	E1E2Q1	
C131			C90-3658-05	ELECTRO	10UF	16WV	E3Q2M5	
C131			C90-3658-05	ELECTRO	10UF	16WV	I2I3I4	
C131			C90-3658-05	ELECTRO	10UF	16WV	K1P1Y1	
C131			C90-3658-05	ELECTRO	10UF	16WV	K2P2X2	
C131			C90-3658-05	ELECTRO	10UF	16WV	M1I1X1	
C131			C90-3658-05	ELECTRO	10UF	16WV	M2M3M4	
C139, 140			CE04LW1C100M	ELECTRO	10UF	16WV		
C141			C90-3715-05	ELECTRO	4.7UF	35WV	E1E2Q1	
C141			C90-3715-05	ELECTRO	4.7UF	35WV	Q2E3	
C142			CC45FSL1H331J	CERAMIC	330PF	J	E1E2Q1	
C142			CC45FSL1H331J	CERAMIC	330PF	J	Q2E3	
C143			CK45FB1H561K	CERAMIC	560PF	K	E1E2Q1	
C143			CK45FB1H561K	CERAMIC	560PF	K	Q2E3	
C144			CC45FCH1H470J	CERAMIC	47PF	J	E1E2Q1	
C144			CC45FCH1H470J	CERAMIC	47PF	J	Q2E3	
C145			CC45FCH1H220J	CERAMIC	22PF	J	E1E2Q1	
C145			CC45FCH1H220J	CERAMIC	22PF	J	Q2E3	
C146			CK45FF1H103Z	CERAMIC	0.010UF	Z	E1E2Q1	
C146			CK45FF1H103Z	CERAMIC	0.010UF	Z	Q2E3	
C147			C90-3714-05	ALUMINIUM ELECTROLYTIC		C.	E1E2Q1	
C147			C90-3714-05	ALUMINIUM ELECTROLYTIC		C.	Q2E3	
C148, 149			CK45FF1H103Z	CERAMIC	0.010UF	Z	E1E2Q1	
C148, 149			CK45FF1H103Z	CERAMIC	0.010UF	Z	Q2E3	
C151, 152			CC45FSL1H180J	CERAMIC	18PF	J		
C153			CE04LW1C470M	ELECTRO	47UF	16WV		

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C154			CE04LW1V100M	ELECTRO	10UF	35WV		
C155			CE04LW1V330M	ELECTRO	33UF	35WV		
C159, 160			CC45FSL1H220J	CERAMIC	22PF	J	E1E2Q1	
C159, 160			CC45FSL1H220J	CERAMIC	22PF	J	Q2E3	
C161			C91-0729-05	CERAMIC	22PF	J		
C163~166			C91-1567-05	MP-C	0.1UF	J		
C497, 498			CK45FB1H102K	CERAMIC	1000PF	K	I4V3V4	
C497, 498			CK45FB1H102K	CERAMIC	1000PF	K	M3M4I3	
C500			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C501, 502			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	M4I4V4	
C501, 502			CQ93FMG1H563J	MYLAR	0.056UF	J	M3I3V3	
C503, 504			CC45FSL1H470J	CERAMIC	47PF	J	I4V3V4	
C503, 504			CC45FSL1H470J	CERAMIC	47PF	J	M3M4I3	
C505			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	M3I3V3	
C506			CE04LW1V220M	ELECTRO	22UF	35WV	M4I4V4	
C507			CC45FSL1H470J	CERAMIC	47PF	J	M3I3V3	
C509, 510			CC45FSL1H100D	CERAMIC	10PF	D	M3I3V3	
C509, 510			CC45FSL1H100D	CERAMIC	10PF	D	M4I4V4	
C511			CC45FSL1H100D	CERAMIC	10PF	D	M3I3V3	
C513, 514			CK45FF1H472Z	CERAMIC	4700PF	Z	M3I3V3	
C513, 514			CK45FF1H472Z	CERAMIC	4700PF	Z	M4I4V4	
C515			CK45FF1H472Z	CERAMIC	4700PF	Z	M3I3V3	
C517, 518			CF92FV1H104J	MF-C	0.10UF	J	I4V3V4	
C517, 518			CF92FV1H104J	MF-C	0.10UF	J	M3M4I3	
C523			CF92FV1H104J	MF-C	0.10UF	J	M3I3V3	
C525, 526			CK45FF1H472Z	CERAMIC	4700PF	Z	M3I3V3	
C525, 526			CK45FF1H472Z	CERAMIC	4700PF	Z	M4I4V4	
C527, 528			CK45FF1H472Z	CERAMIC	4700PF	Z	M3I3V3	
C531, 532			CE04LW1A101M	ELECTRO	100UF	10WV	M3I3V3	
C531, 532			CE04LW1A101M	ELECTRO	100UF	10WV	M4I4V4	
C533			CE04LW1A101M	ELECTRO	100UF	10WV	M3I3V3	
C535~538			CE04LW1J100M	ELECTRO	10UF	63WV	M4I4V4	
C535~538			C90-3707-05	ALUMINIUM ELECTROLYTIC		C.	M3I3V3	
C539, 540			CE04LW1V470M	ELECTRO	47UF	35WV	M3I3V3	
CN5			E40-3258-05	PIN ASSY				
CN6			E40-3262-05	PIN ASSY			I4V3V4	
CN6			E40-3262-05	PIN ASSY			M3M4I3	
CN7			E40-3247-05	PIN ASSY				
CN8			E40-3248-05	PIN ASSY			I2I3I4	
CN8			E40-3248-05	PIN ASSY			M2M3M4	
CN8			E40-3248-05	PIN ASSY			V2V3V4	
CN10			E40-3262-05	PIN ASSY			I2I3I4	
CN10			E40-3262-05	PIN ASSY			M2M3M4	
CN10			E40-3262-05	PIN ASSY			V2V3V4	
CN11			E40-8053-05	PIN ASSY				
CN12			E40-8286-05	FLAT CABLE CONNECTOR			I2I3I4	
CN12			E40-8286-05	FLAT CABLE CONNECTOR			M1I1X1	
CN12			E40-8286-05	FLAT CABLE CONNECTOR			M2M3M4	
CN12			E40-8286-05	FLAT CABLE CONNECTOR			V2V3V4	
CN12			E40-8286-05	FLAT CABLE CONNECTOR			Y1M5	
CN13			E40-3256-05	PIN ASSY				
CN14			E40-8253-05	FLAT CABLE CONNECTOR				
CN15			E40-3251-05	PIN ASSY				
CN19			E40-8120-05	FLAT CABLE CONNECTOR				

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
CN20			E40-4724-05	FLAT CABLE CONNECTOR	I2I3I4	
CN20			E40-4724-05	FLAT CABLE CONNECTOR	M2M3M4	
CN20			E40-4724-05	FLAT CABLE CONNECTOR	V2V3V4	
CN21			E40-8257-05	FLAT CABLE CONNECTOR		
⚠ CN22			E40-4632-05	PIN ASSY		
CN24			E40-3256-05	PIN ASSY	I4V3V4	
CN24			E40-3256-05	PIN ASSY	M3M4I3	
J1			E63-1038-05	PHONO JACK(2P)	E3	
J1			E63-1038-05	PHONO JACK(2P)	K1P1K2	
J1			E63-1038-05	PHONO JACK(2P)	P2X2Q2	
J2			E70-0048-05	LOCK TERMINAL BOARD(8P)	M3I3V3	
J2			E70-0057-05	LOCK TERMINAL BOARD(4P)	M4I4	
J2		*	E70-0093-05	LOCK TERMINAL BOARD(8P)	V3	
J2			E70-0094-05	LOCK TERMINAL BOARD(4P)	V4	
J3			E70-0045-05	LOCK TERMINAL BOARD(4P)	I4	
J3			E70-0045-05	LOCK TERMINAL BOARD(4P)	M3M4I3	
J3			E70-0101-05	LOCK TERMINAL BOARD(4P)	V3V4	
J4			E63-0116-05	PHONO JACK(1P)	M4I4	
J4		*	E63-1016-05	PHONO JACK(1P)	V4	
J5			E63-1037-05	PHONO JACK(4P)	I4M5	
J5			E63-1037-05	PHONO JACK(4P)	M4I2I3	
J5			E63-1037-05	PHONO JACK(4P)	Q1M2M3	
J5			E63-1037-05	PHONO JACK(4P)	X1E1E2	
J5			E63-1037-05	PHONO JACK(4P)	Y1M1I1	
-			F20-1405-15	INSULATING SHEET	I4V3V4	
-			F20-1405-15	INSULATING SHEET	M3M4I3	
⚠ F1			F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	Q2E3	
⚠ F1			F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	X2M3I3	
⚠ F1			F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	Y1M1I1	
⚠ F1			F05-4025-05	FUSE (SEMKO) (250V T4A L)	M5	
⚠ F1			F05-4025-05	FUSE (SEMKO) (250V T4A L)	Q1M2I2	
⚠ F1			F05-4025-05	FUSE (SEMKO) (250V T4A L)	X1E1E2	
⚠ F1			F06-2021-05	FUSE (SEMKO) (250V T2AL)	M4I4	
⚠ F1			F50-0077-05	FUSE(5X20)	K2P2	
⚠ F1			F50-0078-05	FUSE(5X20)	K1P1	
⚠ F1			F50-0079-05	FUSE(5X20)	V4	
⚠ F1			F50-0111-05	FUSE(5X20)	V3	
⚠ F1			F50-0112-05	FUSE(5X20)	V2	
⚠ F2			F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	M3I3	
⚠ F2			F05-4025-05	FUSE (SEMKO) (250V T4A L)	M2I2	
⚠ F2			F05-4025-05	FUSE (SEMKO) (250V T4A L)	Y1M1I1	
⚠ F2			F06-2021-05	FUSE (SEMKO) (250V T2AL)	M4I4	
⚠ F3			F50-0062-05	FUSE(5X20)	K1P1K2	
⚠ F3			F50-0062-05	FUSE(5X20)	P2	
-			J61-0307-05	WIRE BAND	E1E2Q1	
-			J61-0307-05	WIRE BAND	E3Q2	
-			J61-0307-05	WIRE BAND	K1P1Y1	
-			J61-0307-05	WIRE BAND	K2P2X2	
-			J61-0307-05	WIRE BAND	M1I1X1	
-			J61-0307-05	WIRE BAND	M2I2M5	
CN1, 2			J13-0075-05	FUSE CLIP		
CN3, 4			J13-0075-05	FUSE CLIP	I2I3I4	
CN3, 4			J13-0075-05	FUSE CLIP	M2M3M4	
CN3, 4			J13-0075-05	FUSE CLIP	M5	

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CN3, 4			J13-0075-05	FUSE CLIP			Y1M1I1	
CN31, 32			J13-0075-05	FUSE CLIP			K1P1K2	
CN31, 32			J13-0075-05	FUSE CLIP			P2	
E21~23			J11-0809-05	WIRE CLAMPER				
E25			J11-0809-05	WIRE CLAMPER			M4I4V4	
E26			J11-0809-05	WIRE CLAMPER				
E27			J11-0809-05	WIRE CLAMPER			I4V3V4	
E27			J11-0809-05	WIRE CLAMPER			M3M4I3	
E30			J11-0809-05	WIRE CLAMPER				
E32			J11-0809-05	WIRE CLAMPER			E1E2Q1	
E32			J11-0809-05	WIRE CLAMPER			K1P1Y1	
E32			J11-0809-05	WIRE CLAMPER			K2P2X2	
E32			J11-0809-05	WIRE CLAMPER			M1I1X1	
E32			J11-0809-05	WIRE CLAMPER			M2I2V2	
L1			L40-1091-17	SMALL FIXED INDUCTOR(1UH)			E1E2Q1	
L1			L40-1091-17	SMALL FIXED INDUCTOR(1UH)			Q2E3	
L2			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			E1E2Q1	
L2			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			Q2E3	
L3, 4			L39-1373-05	PHASE COMPENSATION COIL			M3I3V3	
L3, 4			L39-1373-05	PHASE COMPENSATION COIL			M4I4V4	
L5			L39-1373-05	PHASE COMPENSATION COIL			M3I3V3	
X1			L78-0605-05	RESONATOR (8.38MHZ)				
X2			L77-2173-05	CRYSTAL RESONATOR(32.768KHZ)				
X3			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)			E1E2Q1	
X3			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)			Q2E3	
⚠ R3			RD14NB2E680J	RD	68	J 1/4W		
⚠ R45			RD14NB2E1R0J	RD	1	J 1/4W		
R46			RD14NB2E472J	RD	4.7K	J 1/4W		
⚠ R48			RD14NB2E8R2J	RD	8.2	J 1/4W		
R56			RD14NB2E332J	RD	3.3K	J 1/4W		
R63			RD14NB2E102J	RD	1.0K	J 1/4W	I4V3V4	
R63			RD14NB2E102J	RD	1.0K	J 1/4W	M3M4I3	
⚠ R75			RD14NB2E100J	RD	10	J 1/4W		
R80			RS14KB3A222J	FL-PROOF RS	2.2K	J 1W		
R96			RS14KB3D332J	FL-PROOF RS	3.3K	J 2W		
R112			RD14NB2E390J	RD	39	J 1/4W		
R113			RS14KB3D5R6J	FL-PROOF RS	5.6	J 2W	I2I3I4	
R113			RS14KB3D5R6J	FL-PROOF RS	5.6	J 2W	M2M3M4	
R113			RS14KB3D5R6J	FL-PROOF RS	5.6	J 2W	V2V3V4	
⚠ R118, 119			RD14NB2E1R0J	RD	1	J 1/4W		
⚠ R129, 130			RD14NB2E1R0J	RD	1	J 1/4W		
⚠ R131			RD14BB2C100J	RD	10	J 1/6W		
⚠ R142			RD14BB2C101J	RD	100	J 1/6W		
⚠ R187, 188			RS14KB3D3R3J	FL-PROOF RS	3.3	J 2W	I4V3V4	
⚠ R187, 188			RS14KB3D3R3J	FL-PROOF RS	3.3	J 2W	M3M4I3	
R531, 532			R92-1866-05	METAL FILM	0.1	2W	I4V3V4	
R531, 532			R92-1866-05	METAL FILM	0.1	2W	M3M4I3	
R543, 544			RS14KB3D4R7J	FL-PROOF RS	4.7	J 2W	I4V3V4	
R543, 544			RS14KB3D4R7J	FL-PROOF RS	4.7	J 2W	M3M4I3	
R551			R92-1866-05	METAL FILM	0.1	2W	M3I3V3	
⚠ R560			RS14KB3A100J	FL-PROOF RS	10	J 1W		
R563			RS14KB3D4R7J	FL-PROOF RS	4.7	J 2W	M3I3V3	
⚠ R565			RD14NB2E221J	RD	220	J 1/4W	M3I3V3	
⚠ R566			RD14NB2E101J	RD	100	J 1/4W	M4I4V4	

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⚠ R566			RD14NB2E221J	RD	220	J	1/4W	M3I3V3	
⚠ R578			RS14KB3D101J	FL-PROOF RS	100	J	2W	M3I3V3	
⚠ R578			RS14KB3D470J	FL-PROOF RS	47	J	2W	M4I4V4	
R583, 584			RD14NB2E4R7J	RD	4.7	J	1/4W	M3I3V3	
R583, 584			RD14NB2E4R7J	RD	4.7	J	1/4W	M4I4V4	
R585			RD14NB2E4R7J	RD	4.7	J	1/4W	M3I3V3	
R598			RS14KB3D101J	FL-PROOF RS	100	J	2W	M3I3V3	
⚠ R598			RS14KB3D470J	FL-PROOF RS	47	J	2W	M4I4V4	
⚠ R599			R92-1844-05	CARBON	3.3M	J	1/2W	K1P1K2	
⚠ R599			R92-1844-05	CARBON	3.3M	J	1/2W	P2	
VR1			R31-0096-05	VARIABLE RESISTOR					
⚠ K1, 2			S76-0060-05	MAGNETIC RELAY					
⚠ K1, 2			S76-0069-15	MAGNETIC RELAY					
K11			S76-0076-05	MAGNETIC RELAY				I4V3V4	
K11			S76-0076-05	MAGNETIC RELAY				M3M4I3	
K12			S76-0078-05	MAGNETIC RELAY				M3I3V3	
K13			S76-0076-05	MAGNETIC RELAY				I4V3V4	
K13			S76-0076-05	MAGNETIC RELAY				M3M4I3	
⚠ S1			S62-0001-05	SLIDE SWITCH				I2I3I4	
⚠ S1			S62-0001-05	SLIDE SWITCH				M2M3M4	
⚠ S1			S62-0001-05	SLIDE SWITCH				Y1M1I1	
S2			S62-0055-05	SLIDE SWITCH				I4V3V4	
S2			S62-0055-05	SLIDE SWITCH				M3M4I3	
D1			HZS5.1N(B2)	ZENER DIODE					
D1			MTZJ5.1(B)	ZENER DIODE					
D2			HSS104A	DIODE					
D2			1SS133	DIODE					
D3			HZS5.1N(B2)	ZENER DIODE					
D3			MTZJ5.1(B)	ZENER DIODE					
D4			HZS3.9N(B2)	ZENER DIODE					
D4			MTZJ3.9(B)	ZENER DIODE					
D5~7			HSS104A	DIODE					
D5~7			1SS133	DIODE					
D9			HZS5.6N(B2)	ZENER DIODE				I2I3I4	
D9			HZS5.6N(B2)	ZENER DIODE				M2M3M4	
D9			HZS5.6N(B2)	ZENER DIODE				V2V3V4	
D9			MTZJ5.6(B)	ZENER DIODE				I2I3I4	
D9			MTZJ5.6(B)	ZENER DIODE				M2M3M4	
D9			MTZJ5.6(B)	ZENER DIODE				V2V3V4	
D10			HSS104A	DIODE				E1E2Q1	
D10			HSS104A	DIODE				E3Q2	
D10			1SS133	DIODE				E1E2Q1	
D10			1SS133	DIODE				E3Q2	
D11			HSS104A	DIODE				M4I4V4	
D11			1SS133	DIODE				M4I4V4	
D12			HSS104A	DIODE				I2I3I4	
D12			HSS104A	DIODE				M2M3M4	
D12			HSS104A	DIODE				V2V3V4	
D12			HSS104A	DIODE				X1Q1	
D12			HSS104A	DIODE				X2Q2M5	
D12			HSS104A	DIODE				Y1M1I1	
D12			1SS133	DIODE				I2I3I4	
D12			1SS133	DIODE				M2M3M4	

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D12			1SS133	DIODE	V2V3V4	
D12			1SS133	DIODE	X1Q1	
D12			1SS133	DIODE	X2Q2M5	
D12			1SS133	DIODE	Y1M1I1	
D13			HSS104A	DIODE	M2I2V2	
D13			1SS133	DIODE	M2I2V2	
D14			HSS104A	DIODE	E1E2Q1	
D14			HSS104A	DIODE	E3Q2	
D14			HSS104A	DIODE	I2I3I4	
D14			HSS104A	DIODE	M2M3M4	
D14			HSS104A	DIODE	V2V3V4	
D14			HSS104A	DIODE	X1X2M5	
D14			HSS104A	DIODE	Y1M1I1	
D14			1SS133	DIODE	E1E2Q1	
D14			1SS133	DIODE	E3Q2	
D14			1SS133	DIODE	I2I3I4	
D14			1SS133	DIODE	M2M3M4	
D14			1SS133	DIODE	V2V3V4	
D14			1SS133	DIODE	X1X2M5	
D14			1SS133	DIODE	Y1M1I1	
D15			HSS104A	DIODE	E1E2Q1	
D15			HSS104A	DIODE	K1P1Y1	
D15			HSS104A	DIODE	M1I1X1	
D15			HSS104A	DIODE	M3I3V3	
D15			HSS104A	DIODE	M5	
D15			1SS133	DIODE	E1E2Q1	
D15			1SS133	DIODE	K1P1Y1	
D15			1SS133	DIODE	M1I1X1	
D15			1SS133	DIODE	M3I3V3	
D15			1SS133	DIODE	M5	
D16			HSS104A	DIODE	E1E2Q1	
D16			1SS133	DIODE	E1E2Q1	
D17, 18			S5688B	DIODE		
D17, 18			1SR139-400	DIODE		
D17, 18			1T2	DIODE	E1E2Q1	
D17, 18			1T2	DIODE	E3Q2M5	
D17, 18			1T2	DIODE	I2I3I4	
D17, 18			1T2	DIODE	K1P1Y1	
D17, 18			1T2	DIODE	K2P2X2	
D17, 18			1T2	DIODE	M1I1X1	
D17, 18			1T2	DIODE	M2M3M4	
D19			HZS16N(B2)	ZENER DIODE		
D19			MTZJ16(B)	ZENER DIODE		
D20			HZS18N(B2)	ZENER DIODE		
D20			MTZJ18(B)	ZENER DIODE		
D21			HSS104A	DIODE		
D21			1SS133	DIODE		
⚠ D22			D4SBL20UF03	DIODE		
⚠ D23			D4SBL20UF03	DIODE	I4V3V4	
⚠ D23			D4SBL20UF03	DIODE	M3M4I3	
⚠ D23			RBV-602LFA	DIODE	E1E2Q1	
⚠ D23			RBV-602LFA	DIODE	K1P1Y1	
⚠ D23			RBV-602LFA	DIODE	K2P2X2	
⚠ D23			RBV-602LFA	DIODE	M1I1X1	
⚠ D23			RBV-602LFA	DIODE	M2I2V2	

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⚠ D23			RBV-602LFA	DIODE	Q2E3M5	
⚠ D24~27			S5688B	DIODE		
⚠ D24~27			1SR139-400	DIODE		
⚠ D24~27			1T2	DIODE	E1E2Q1	
⚠ D24~27			1T2	DIODE	E3Q2M5	
⚠ D24~27			1T2	DIODE	I2I3I4	
⚠ D24~27			1T2	DIODE	K1P1Y1	
⚠ D24~27			1T2	DIODE	K2P2X2	
⚠ D24~27			1T2	DIODE	M1I1X1	
⚠ D24~27			1T2	DIODE	M2M3M4	
⚠ D28, 29			HSS104A	DIODE		
⚠ D28, 29			1SS133	DIODE		
⚠ D30			HZS2.7N(B2)	ZENER DIODE		
⚠ D30			MTZJ2.7(B)	ZENER DIODE		
D31			HZS6.2N(B2)	ZENER DIODE		
D31			MTZJ6.2(B)	ZENER DIODE		
⚠ D32			HSS104A	DIODE		
⚠ D32			1SS133	DIODE		
D33			HZS5.6N(B2)	ZENER DIODE		
D33			MTZJ5.6(B)	ZENER DIODE		
D34			HZS5.1N(B2)	ZENER DIODE		
D34			MTZJ5.1(B)	ZENER DIODE		
D35			HZS5.6N(B2)	ZENER DIODE		
D35			MTZJ5.6(B)	ZENER DIODE		
D36			HZS20N(B2)	ZENER DIODE		
D36			MTZJ20(B)	ZENER DIODE		
D37~40			HSS104A	DIODE		
D37~40			1SS133	DIODE		
⚠ D41~44			S5688B	DIODE	I2I3I4	
⚠ D41~44			S5688B	DIODE	M2M3M4	
⚠ D41~44			S5688B	DIODE	V2V3V4	
⚠ D41~44			1SR139-400	DIODE	I2I3I4	
⚠ D41~44			1SR139-400	DIODE	M2M3M4	
⚠ D41~44			1SR139-400	DIODE	V2V3V4	
⚠ D41~44			1T2	DIODE	I2I3I4	
⚠ D41~44			1T2	DIODE	M2M3M4	
D45~49			HSS104A	DIODE		
D45~49			1SS133	DIODE		
D50			HSS104A	DIODE	E3Q2	
D50			HSS104A	DIODE	K2P2X2	
D50			1SS133	DIODE	E3Q2	
D50			1SS133	DIODE	K2P2X2	
D101			HSS104A	DIODE	M3I3V3	
D101			1SS133	DIODE	M3I3V3	
⚠ D509, 510			HZS8.2N(B2)	ZENER DIODE	M3I3V3	
⚠ D509, 510			MTZJ8.2(B)	ZENER DIODE	M3I3V3	
D511			HSS104A	DIODE	I4V3V4	
D511			HSS104A	DIODE	M3M4I3	
D511			1SS133	DIODE	I4V3V4	
D511			1SS133	DIODE	M3M4I3	
D513			HSS104A	DIODE	I4V3V4	
D513			HSS104A	DIODE	M3M4I3	
D513			1SS133	DIODE	I4V3V4	
D513			1SS133	DIODE	M3M4I3	
D515, 516			HSS104A	DIODE	M3I3V3	

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
D515, 516			HSS104A	DIODE	M4I4V4	
D515, 516			1SS133	DIODE	M3I3V3	
D515, 516			1SS133	DIODE	M4I4V4	
D517			HSS104A	DIODE	M3I3V3	
D517			1SS133	DIODE	M3I3V3	
IC1			NJU7313AL	ANALOGUE IC		
IC2, 3			NJM4565D-D	IC(OP AMP X2)		
IC4			M62430FP	ANALOGUE IC		
IC5			S-806D-Z	ANALOGUE IC		
IC9			BA3834SK	ANALOGUE IC		
IC10			M38199MF-080FP	MI-COM IC	K2P2X2	
IC10			M38199MF-083FP	MI-COM IC	E1E2Q1	
IC10			M38199MF-083FP	MI-COM IC	K1P1Y1	
IC10			M38199MF-083FP	MI-COM IC	M1I1X1	
IC10			M38199MF-083FP	MI-COM IC	Q2E3M5	
IC10		*	M38199MF-084FP	MI-COM IC	I2I3I4	
IC10		*	M38199MF-084FP	MI-COM IC	M2M3M4	
IC10		*	M38199MF-084FP	MI-COM IC	V2V3V4	
IC11			SAA6579	ANALOGUE IC	E1E2Q1	
IC11			SAA6579	ANALOGUE IC	Q2E3	
IC11			SAA6579/R	ANALOGUE IC	E1E2Q1	
IC11			SAA6579/R	ANALOGUE IC	Q2E3	
⚠ IC12			TA79012SB	ANALOGUE IC		
⚠ IC13			TA7809SB	ANALOGUE IC		
⚠ IC15			TA78L012AP	ANALOGUE IC		
IC16, 17			NJM4565D-D	IC(OP AMP X2)	E1E2Q1	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	I3V2V3	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	K1P1Y1	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	M1I1X1	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	M2M3I2	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	M5	
IC19			NJM4565D-D	IC(OP AMP X2)		
⚠ IC21			STK407-710K	HYBRID IC	M4I4V4	
⚠ IC21			STK410-030D	HYBRID IC	M3I3V3	
⚠ IC21			STK410-030K	HYBRID IC	M3I3V3	
⚠ Q1			2SB1624	TRANSISTOR	M4I4V4	
Q2			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q2			KTA1267(Y,GR)	TRANSISTOR	E3Q2M5	
Q2			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q2			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q2			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q2			KTA1267(Y,GR)	TRANSISTOR	M1I1X1	
Q2			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q2			2SA1175(F,E)	TRANSISTOR		
Q2			2SA933AS(Q,R)	TRANSISTOR	V2V3V4	
Q3			2SD2061	TRANSISTOR	I2I3I4	
Q3			2SD2061	TRANSISTOR	M2M3M4	
Q3			2SD2061	TRANSISTOR	V2V3V4	
Q4			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q4			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q4			KTC3199(Y,GR)	TRANSISTOR	V2V3V4	
Q4			2SC2785(F,E)	TRANSISTOR	I2I3I4	
Q4			2SC2785(F,E)	TRANSISTOR	M2M3M4	
Q4			2SC2785(F,E)	TRANSISTOR	V2V3V4	
Q5			2SA992(F,E)	TRANSISTOR		

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Q6, 7			2SC1845(F,E)	TRANSISTOR	E3Q2M5	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	M1I1X1	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q8, 9			2SA1175(F,E)	TRANSISTOR		
Q8, 9			2SA933AS(Q,R)	TRANSISTOR	V2V3V4	
⚠ Q10			2SB1417(Q,P)	TRANSISTOR		
⚠ Q10			2SB1640	TRANSISTOR	E3Q2M5	
Q11			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q11			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q11			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q11			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q11			KTA1267(Y,GR)	TRANSISTOR	M1I1X1	
Q11			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q11			2SA1175(F,E)	TRANSISTOR		
Q11			2SA933AS(Q,R)	TRANSISTOR	V2V3V4	
Q12			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q12			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q12			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q12			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q12			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q12			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q12			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q12			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q12			2SC2785(F,E)	TRANSISTOR		
⚠ Q13			2SD2137(Q,P)	TRANSISTOR		
⚠ Q13			2SD2525	TRANSISTOR		
⚠ Q14			2SB1417(Q,P)	TRANSISTOR		
⚠ Q14			2SB1640	TRANSISTOR		
⚠ Q15			2SD2137(Q,P)	TRANSISTOR		
⚠ Q15			2SD2525	TRANSISTOR		
Q16			2SC2003(L,K)	TRANSISTOR		
⚠ Q17			2SB1624	TRANSISTOR	M3I3V3	
Q18			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q18			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q18			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q18			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q18			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q18			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q18			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q18			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q18			2SC2785(F,E)	TRANSISTOR		
⚠ Q19			2SD2137(Q,P)	TRANSISTOR		
⚠ Q19			2SD2525	TRANSISTOR		
⚠ Q20~22			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
⚠ Q20~22			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
⚠ Q20~22			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
⚠ Q20~22			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
⚠ Q20~22			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
⚠ Q20~22			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
⚠ Q20~22			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
⚠ Q20~22			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	

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⚠ Q20~22			2SC2785(F,E)	TRANSISTOR		
⚠ Q23			2SD2137(Q,P)	TRANSISTOR		
⚠ Q23			2SD2525	TRANSISTOR		
Q24			2SD2137(Q,P)	TRANSISTOR	M4I4V4	
Q24			2SD2525	TRANSISTOR	M4I4V4	
Q25, 26			2SC2878(B)	TRANSISTOR		
Q27			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q27			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q27			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q27			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q27			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q27			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q27			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q27			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q27			2SC2785(F,E)	TRANSISTOR		
Q28			DTC124ESA	DIGITAL TRANSISTOR		
Q29			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q29			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q29			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q29			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q29			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q29			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q29			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q29			2SC2785(F,E)	TRANSISTOR		
Q501, 502			2SC2878(B)	TRANSISTOR	M3I3V3	
Q501, 502			2SC2878(B)	TRANSISTOR	M4I4V4	
Q503			2SC2878(B)	TRANSISTOR	M3I3V3	
Q504			KTC3199(Y,GR)	TRANSISTOR	M3I3	
Q504			2SC1740S(Q,R)	TRANSISTOR	V3	
Q504			2SC2785(F,E)	TRANSISTOR	M3I3V3	
Q505, 506			2SC2878(B)	TRANSISTOR	M3I3V3	
Q505, 506			2SC2878(B)	TRANSISTOR	M4I4V4	
Q507			2SC2878(B)	TRANSISTOR	M3I3V3	
Q509, 510			2SC1845(F,E)	TRANSISTOR	M3I3V3	
Q509, 510			2SC1845(F,E)	TRANSISTOR	M4I4V4	
Q511			2SC1845(F,E)	TRANSISTOR	M3I3V3	
Q512			KTC3199(Y,GR)	TRANSISTOR	I4	
Q512			KTC3199(Y,GR)	TRANSISTOR	M3M4I3	
Q512			2SC1740S(Q,R)	TRANSISTOR	V3V4	
Q512			2SC2785(F,E)	TRANSISTOR	I4V3V4	
Q512			2SC2785(F,E)	TRANSISTOR	M3M4I3	
Q514			KTC3199(Y,GR)	TRANSISTOR	I4	
Q514			KTC3199(Y,GR)	TRANSISTOR	M3M4I3	
Q514			2SC1740S(Q,R)	TRANSISTOR	V3V4	
Q514			2SC2785(F,E)	TRANSISTOR	I4V3V4	
Q514			2SC2785(F,E)	TRANSISTOR	M3M4I3	

DISPLAY UNIT (X14-485X-XX)

D6, 7			B30-2430-05	LED(RED)	E1E2Q1	
D6, 7			B30-2430-05	LED(RED)	K1P1Y1	
D6, 7			B30-2430-05	LED(RED)	K2P2X2	
D6, 7			B30-2430-05	LED(RED)	M1I1X1	
D6, 7			B30-2430-05	LED(RED)	M2I2V2	
D6, 7			B30-2430-05	LED(RED)	W3Q2M5	
D20, 21			B30-2468-05	LED	E2Q1	

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D20, 21			B30-2468-05	LED			E3Q2	
D20, 21			B30-2468-05	LED			K1P1E1	
D20, 21			B30-2468-05	LED			K2P2X2	
D20, 21			B30-2508-05	LED(AMBER,D=3,P=2)			I2I3I4	
D20, 21			B30-2508-05	LED(AMBER,D=3,P=2)			M1I1X1	
D20, 21			B30-2508-05	LED(AMBER,D=3,P=2)			M2M3M4	
D20, 21			B30-2508-05	LED(AMBER,D=3,P=2)			V2V3V4	
D20, 21			B30-2508-05	LED(AMBER,D=3,P=2)			Y1M5	
D30			B30-2534-05	LED(D3,GREEN)			E2Q1	
D30			B30-2534-05	LED(D3,GREEN)			E3Q2	
D30			B30-2534-05	LED(D3,GREEN)			K1P1E1	
D30			B30-2534-05	LED(D3,GREEN)			K2P2X2	
D30			B30-2535-05	LED(D3,ORANGE)			I2I3I4	
D30			B30-2535-05	LED(D3,ORANGE)			M2M3M4	
D30			B30-2535-05	LED(D3,ORANGE)			V2V3V4	
D30			B30-2535-05	LED(D3,ORANGE)			Y1M5	
D31, 32			B30-2468-05	LED			E2Q1E3	
D31, 32			B30-2468-05	LED			K1P1E1	
D31, 32			B30-2468-05	LED			K1P1E1	
D31, 32			B30-2468-05	LED			K2P2X2	
D31, 32			B30-2468-05	LED			Q2	
D31, 32			B30-2508-05	LED(AMBER,D=3,P=2)			I2I3I4	
D31, 32			B30-2535-05	LED(D3,ORANGE)			M1I1X1	
D32			B30-2508-05	LED(AMBER,D=3,P=2)			M1I1X1	
D32			B30-2508-05	LED(AMBER,D=3,P=2)			M2M3M4	
D32			B30-2508-05	LED(AMBER,D=3,P=2)			V2V3V4	
D32			B30-2508-05	LED(AMBER,D=3,P=2)			Y1M5	
D33~37			B30-2468-05	LED			E2Q1	
D33~37			B30-2468-05	LED			K1P1E1	
D33~37			B30-2508-05	LED(AMBER,D=3,P=2)			I3V2V3	
D33~37			B30-2508-05	LED(AMBER,D=3,P=2)			M1I1X1	
D33~37			B30-2508-05	LED(AMBER,D=3,P=2)			M2M3I2	
D33~37			B30-2508-05	LED(AMBER,D=3,P=2)			Y1M5	
C1, 2			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C3			CE04LW0J221M	ELECTRO	220UF	6.3WV		
C4			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C5			CE04LW1V330M	ELECTRO	33UF	35WV		
C6			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C7			CE04LW1A470M	ELECTRO	47UF	10WV		
C8, 9			C91-0757-05	CERAMIC	1000PF	K		
C20, 21			C91-0757-05	CERAMIC	1000PF	K		
C22			CE04LW1H4R7M	ELECTRO	4.7UF	50WV		
C24			C91-0769-05	CERAMIC	0.010UF	K		
C25			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C51~53			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C101, 102			CE04LW1V220M	ELECTRO	22UF	35WV	I2I3I4	
C101, 102			CE04LW1V220M	ELECTRO	22UF	35WV	M1I1X1	
C101, 102			CE04LW1V220M	ELECTRO	22UF	35WV	M2M3M4	
C101, 102			CE04LW1V220M	ELECTRO	22UF	35WV	V2V3V4	
C101, 102			CE04LW1V220M	ELECTRO	22UF	35WV	Y1M5	
C103, 104			CC45FSL1H331J	CERAMIC	330PF	J	I2I3I4	
C103, 104			CC45FSL1H331J	CERAMIC	330PF	J	M1I1X1	
C103, 104			CC45FSL1H331J	CERAMIC	330PF	J	M2M3M4	
C103, 104			CC45FSL1H331J	CERAMIC	330PF	J	V2V3V4	

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C103, 104			CC45FSL1H331J	CERAMIC	330PF	J	Y1M5	
C105			CK45FF1H103Z	CERAMIC	0.010UF	Z	I2I3I4	
C105			CK45FF1H103Z	CERAMIC	0.010UF	Z	M1I1X1	
C105			CK45FF1H103Z	CERAMIC	0.010UF	Z	M2M3M4	
C105			CK45FF1H103Z	CERAMIC	0.010UF	Z	V2V3V4	
C105			CK45FF1H103Z	CERAMIC	0.010UF	Z	Y1M5	
C106			CQ93FMG1H153J	MYLAR	0.015UF	J	I2I3I4	
C106			CQ93FMG1H153J	MYLAR	0.015UF	J	M1I1X1	
C106			CQ93FMG1H153J	MYLAR	0.015UF	J	M2M3M4	
C106			CQ93FMG1H153J	MYLAR	0.015UF	J	V2V3V4	
C106			CQ93FMG1H153J	MYLAR	0.015UF	J	Y1M5	
C107			CE04LW1V4R7M	ELECTRO	4.7UF	35WV	I2I3I4	
C107			CE04LW1V4R7M	ELECTRO	4.7UF	35WV	M1I1X1	
C107			CE04LW1V4R7M	ELECTRO	4.7UF	35WV	M2M3M4	
C107			CE04LW1V4R7M	ELECTRO	4.7UF	35WV	V2V3V4	
C107			CE04LW1V4R7M	ELECTRO	4.7UF	35WV	Y1M5	
C108			CK45FB1H102K	CERAMIC	1000PF	K	I2I3I4	
C108			CK45FB1H102K	CERAMIC	1000PF	K	M1I1X1	
C108			CK45FB1H102K	CERAMIC	1000PF	K	M2M3M4	
C108			CK45FB1H102K	CERAMIC	1000PF	K	V2V3V4	
C108			CK45FB1H102K	CERAMIC	1000PF	K	Y1M5	
C109			CE04LW1H010M	ELECTRO	1.0UF	50WV	I2I3I4	
C109			CE04LW1H010M	ELECTRO	1.0UF	50WV	M1I1X1	
C109			CE04LW1H010M	ELECTRO	1.0UF	50WV	M2M3M4	
C109			CE04LW1H010M	ELECTRO	1.0UF	50WV	V2V3V4	
C109			CE04LW1H010M	ELECTRO	1.0UF	50WV	Y1M5	
C110			CC45FSL1H101J	CERAMIC	100PF	J	I2I3I4	
C110			CC45FSL1H101J	CERAMIC	100PF	J	M1I1X1	
C110			CC45FSL1H101J	CERAMIC	100PF	J	M2M3M4	
C110			CC45FSL1H101J	CERAMIC	100PF	J	V2V3V4	
C110			CC45FSL1H101J	CERAMIC	100PF	J	Y1M5	
C111			CE04LW1C470M	ELECTRO	47UF	16WV	I2I3I4	
C111			CE04LW1C470M	ELECTRO	47UF	16WV	M1I1X1	
C111			CE04LW1C470M	ELECTRO	47UF	16WV	M2M3M4	
C111			CE04LW1C470M	ELECTRO	47UF	16WV	Y1M5	
C112, 113			CE04LW1H010M	ELECTRO	1.0UF	50WV	I2I3I4	
C112, 113			CE04LW1H010M	ELECTRO	1.0UF	50WV	M2M3M4	
C112, 113			CE04LW1H010M	ELECTRO	1.0UF	50WV	V2V3V4	
C114			CQ93FMG1H472J	MYLAR	4700PF	J	I2I3I4	
C114			CQ93FMG1H472J	MYLAR	4700PF	J	M2M3M4	
C114			CQ93FMG1H472J	MYLAR	4700PF	J	V2V3V4	
C115			CQ93FMG1H123J	MYLAR	0.012UF	J	I2I3I4	
C115			CQ93FMG1H123J	MYLAR	0.012UF	J	M2M3M4	
C115			CQ93FMG1H123J	MYLAR	0.012UF	J	V2V3V4	
C116			CK45FF1H103Z	CERAMIC	0.010UF	Z	I2I3I4	
C116			CK45FF1H103Z	CERAMIC	0.010UF	Z	M2M3M4	
C116			CK45FF1H103Z	CERAMIC	0.010UF	Z	V2V3V4	
C117			CE04LW1A101M	ELECTRO	100UF	10WV	I2I3I4	
C117			CE04LW1A101M	ELECTRO	100UF	10WV	M2M3M4	
C117			CE04LW1A101M	ELECTRO	100UF	10WV	V2V3V4	
C118			CE04LW1H100M	ELECTRO	10UF	50WV	I2I3I4	
C118			CE04LW1H100M	ELECTRO	10UF	50WV	M2M3M4	
C118			CE04LW1H100M	ELECTRO	10UF	50WV	V2V3V4	
C119			CC45FSL1H101J	CERAMIC	100PF	J	I2I3I4	
C119			CC45FSL1H101J	CERAMIC	100PF	J	M2M3M4	

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C119			CC45FSL1H101J	CERAMIC	100PF	J	V2V3V4	
C120			CE04LW1V220M	ELECTRO	22UF	35WV	I2I3I4	
C120			CE04LW1V220M	ELECTRO	22UF	35WV	M2M3M4	
C120			CE04LW1V220M	ELECTRO	22UF	35WV	V2V3V4	
C121			CK45FF1H103Z	CERAMIC	0.010UF	Z	I2I3I4	
C121			CK45FF1H103Z	CERAMIC	0.010UF	Z	M2M3M4	
C121			CK45FF1H103Z	CERAMIC	0.010UF	Z	V3V3V4	
C122			CQ93FMG1H332J	MYLAR	3300PF	J	I2I3I4	
C122			CQ93FMG1H332J	MYLAR	3300PF	J	M2M3M4	
C122			CQ93FMG1H332J	MYLAR	3300PF	J	V2V3V4	
C123			CF92FV1H474J	MF-C	0.47UF	J	I2I3I4	
C123			CF92FV1H474J	MF-C	0.47UF	J	M2M3M4	
C123			CF92FV1H474J	MF-C	0.47UF	J	V2V3V4	
C124			CK45FF1H103Z	CERAMIC	0.010UF	Z	I2I3I4	
C124			CK45FF1H103Z	CERAMIC	0.010UF	Z	M2M3M4	
C124			CK45FF1H103Z	CERAMIC	0.010UF	Z	V2V3V4	
C125			CE04LW1C470M	ELECTRO	47UF	16WV	I2I3I4	
C125			CE04LW1C470M	ELECTRO	47UF	16WV	M1I1X1	
C125			CE04LW1C470M	ELECTRO	47UF	16WV	M2M3M4	
C125			CE04LW1C470M	ELECTRO	47UF	16WV	V2V3V4	
C125			CE04LW1C470M	ELECTRO	47UF	16WV	Y1M5	
CN1			E40-4725-05	FLAT CABLE CONNECTOR				
CN2			E40-8267-05	FLAT CABLE CONNECTOR			E3Q2	
CN2			E40-8267-05	FLAT CABLE CONNECTOR			K2P2X2	
CN2			E40-8267-05	FLAT CABLE CONNECTOR			M4I4V4	
CN2			E40-8268-05	FLAT CABLE CONNECTOR			E1E2Q1	
CN2			E40-8268-05	FLAT CABLE CONNECTOR			I3V2V3	
CN2			E40-8268-05	FLAT CABLE CONNECTOR			K1P1Y1	
CN2			E40-8268-05	FLAT CABLE CONNECTOR			M1I1X1	
CN2			E40-8268-05	FLAT CABLE CONNECTOR			M2M3I2	
CN2			E40-8268-05	FLAT CABLE CONNECTOR			M5	
CN3			E40-8287-05	FLAT CABLE CONNECTOR			I2I3I4	
CN3			E40-8287-05	FLAT CABLE CONNECTOR			M1I1X1	
CN3			E40-8287-05	FLAT CABLE CONNECTOR			M2M3M4	
CN3			E40-8287-05	FLAT CABLE CONNECTOR			V2V3V4	
CN3			E40-8287-05	FLAT CABLE CONNECTOR			Y1M5	
CN5			E40-4721-05	FLAT CABLE CONNECTOR			E3Q2	
CN5			E40-4721-05	FLAT CABLE CONNECTOR			K2P2X2	
CN5			E40-4721-05	FLAT CABLE CONNECTOR			M4I4V4	
CN5			E40-4723-05	FLAT CABLE CONNECTOR			E1E2Q1	
CN5			E40-4723-05	FLAT CABLE CONNECTOR			I3V2V3	
CN5			E40-4723-05	FLAT CABLE CONNECTOR			K1P1Y1	
CN5			E40-4723-05	FLAT CABLE CONNECTOR			M1I1X1	
CN5			E40-4723-05	FLAT CABLE CONNECTOR			M2M3I2	
CN5			E40-4723-05	FLAT CABLE CONNECTOR			M5	
J1, 2			E11-0169-05	PHONE JACK			I2I3I4	
J1, 2			E11-0169-05	PHONE JACK			M1I1X1	
J1, 2			E11-0169-05	PHONE JACK			M2M3M4	
J1, 2			E11-0169-05	PHONE JACK			V2V3V4	
J1, 2			E11-0169-05	PHONE JACK			Y1M5	
J3			E11-0280-05	PHONE JACK				
-			J19-5756-03	HOLDER				
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			E1E2Q1	

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L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				E3Q2M5	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				I2I3I4	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				K1P1Y1	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				K2P2X2	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				M1I1X1	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				M2M3M4	
L1			L40-1001-82	SMALL FIXED INDUCTOR(10UH)				V2V3V4	
X1			L78-0284-05	RESONATOR (5MHZ)					
CP1			R90-0977-05	MULTIPLE RESISTOR					
CP2			R90-0908-05	MULTI-COMP	47KX10				
CP3			R90-0804-05	MULTI-COMP	47KX8	J	1/4W		
CP4			R90-0819-05	MULTI-COMP	47KX6	J	1/6W		
⚠ R23			RD14NB2E100J	RD	10	J	1/4W		
⚠ R115			RD14NB2E471J	RD	470	J	1/4W	I2I3I4	
⚠ R115			RD14NB2E471J	RD	470	J	1/4W	M2M3M4	
⚠ R115			RD14NB2E471J	RD	470	J	1/4W	V2V3V4	
R151, 152			RS14KB3D471J	FL-PROOF RS	470	J	2W		
VR1			R31-0097-05	VARIABLE RESISTOR				I2I3I4	
VR1			R31-0097-05	VARIABLE RESISTOR				M1I1X1	
VR1			R31-0097-05	VARIABLE RESISTOR				M2M3M4	
VR1			R31-0097-05	VARIABLE RESISTOR				V2V3V4	
VR1			R31-0097-05	VARIABLE RESISTOR				Y1M5	
S2			S70-0031-05	TACT SWITCH					
S11			S70-0031-05	TACT SWITCH					
S12			S70-0031-05	TACT SWITCH				E1E2Q1	
S12			S70-0031-05	TACT SWITCH				E1E2Q1	
S12			S70-0031-05	TACT SWITCH				E3Q2M5	
S12			S70-0031-05	TACT SWITCH				K1P1Y1	
S12			S70-0031-05	TACT SWITCH				K2P2X2	
S12			S70-0031-05	TACT SWITCH				M1I1X1	
S12			S70-0031-05	TACT SWITCH				M2I2V2	
S13~44			S70-0031-05	TACT SWITCH					
S1			T99-0559-05	ROTARY ENCODER					
S45			T99-0530-05	ROTARY ENCODER					
D1			HZS6.8N(B)	ZENER DIODE					
D1			MTZJ6.8	ZENER DIODE					
D2			S5688B	DIODE					
D3, 4			HSS104A	DIODE					
D3, 4			1SS133	DIODE					
D5			HZS6.8N(B)	ZENER DIODE					
D5			MTZJ6.8	ZENER DIODE					
D101, 102			HSS104A	DIODE				I2I3I4	
D101, 102			HSS104A	DIODE				M1I1X1	
D101, 102			HSS104A	DIODE				M2M3M4	
D101, 102			HSS104A	DIODE				V2V3V4	
D101, 102			HSS104A	DIODE				Y1M5	
D101, 102			1SS133	DIODE				I2I3I4	
D101, 102			1SS133	DIODE				M1I1X1	
D101, 102			1SS133	DIODE				M2M3M4	
D101, 102			1SS133	DIODE				V2V3V4	
D101, 102			1SS133	DIODE				Y1M5	
D103~106			HZS5.6N(B)	ZENER DIODE				I2I3I4	
D103~106			HZS5.6N(B)	ZENER DIODE				M1I1X1	
D103~106			HZS5.6N(B)	ZENER DIODE				M2M3M4	

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D103~106			HZS5.6N(B)	ZENER DIODE	V2V3V4	
D103~106			HZS5.6N(B)	ZENER DIODE	Y1M5	
D103~106			MTZJ5.6	ZENER DIODE	I2I3I4	
D103~106			MTZJ5.6	ZENER DIODE	M1I1X1	
D103~106			MTZJ5.6	ZENER DIODE	M2M3M4	
D103~106			MTZJ5.6	ZENER DIODE	V2V3V4	
D103~106			MTZJ5.6	ZENER DIODE	Y1M5	
D107			HZS4.7N(B)	ZENER DIODE	I2I3I4	
D107			HZS4.7N(B)	ZENER DIODE	M2M3M4	
D107			HZS4.7N(B)	ZENER DIODE	V2V3V4	
D107			MTZJ4.7	ZENER DIODE	I2I3I4	
D107			MTZJ4.7	ZENER DIODE	M2M3M4	
D107			MTZJ4.7	ZENER DIODE	V2V3V4	
D108, 109			HZS2.0N(B2)	ZENER DIODE	I2I3I4	
D108, 109			HZS2.0N(B2)	ZENER DIODE	M2M3M4	
D108, 109			HZS2.0N(B2)	ZENER DIODE	V2V3V4	
D108, 109			MTZJ2.0(B)	ZENER DIODE	I2I3I4	
D108, 109			MTZJ2.0(B)	ZENER DIODE	M2M3M4	
D108, 109			MTZJ2.0(B)	ZENER DIODE	V2V3V4	
ED1			BJ594GK	INDICATOR TUBE		
ED1			SVA-12LL02	INDICATOR TUBE	E1E2Q1	
ED1			SVA-12LL02	INDICATOR TUBE	E3Q2M5	
ED1			SVA-12LL02	INDICATOR TUBE	I2I3I4	
ED1			SVA-12LL02	INDICATOR TUBE	K1P1Y1	
ED1			SVA-12LL02	INDICATOR TUBE	K2P2X2	
ED1			SVA-12LL02	INDICATOR TUBE	M1I1X1	
ED1			SVA-12LL02	INDICATOR TUBE	M2M3M4	
IC1			UPD780204-038	MI-COM IC		
IC101			NJM4565D-D	IC(OP AMP X2)	I2I3I4	
IC101			NJM4565D-D	IC(OP AMP X2)	M1I1X1	
IC101			NJM4565D-D	IC(OP AMP X2)	M2M3M4	
IC101			NJM4565D-D	IC(OP AMP X2)	V2V3V4	
IC101			NJM4565D-D	IC(OP AMP X2)	Y1M5	
IC102			BU9253AS	MOS-IC	I2I3I4	
IC102			BU9253AS	MOS-IC	M2M3M4	
IC102			BU9253AS	MOS-IC	V2V3V4	
Q1~8			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q1~8			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q1~8			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q1~8			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q1~8			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q1~8			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q1~8			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q1~8			2SC1740S(Q,R)	TRANSISTOR		
Q1~8			2SC2785(F,E)	TRANSISTOR	V2V3V4	
Q9			2SC2003(L,K)	TRANSISTOR		
Q10, 11			KTA1267(Y,GR)	TRANSISTOR		
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	E3Q2M5	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	M1I1X1	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q10, 11			2SA1175(F,E)	TRANSISTOR	V2V3V4	

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Q10, 11			2SA933AS(Q,R)	TRANSISTOR		
Q12			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q12			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q12			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q12			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q12			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q12			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q12			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q12			2SC1740S(Q,R)	TRANSISTOR		
Q12			2SC2785(F,E)	TRANSISTOR	V2V3V4	
Q23			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q23			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q23			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q23			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q23			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q23			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q23			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q24~28			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q24~28			KTC3199(Y,GR)	TRANSISTOR	I3M5	
Q24~28			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q24~28			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q24~28			KTC3199(Y,GR)	TRANSISTOR	M2M3I2	
Q24~28			2SC1740S(Q,R)	TRANSISTOR	E1E2Q1	
Q24~28			2SC1740S(Q,R)	TRANSISTOR	I3V2V3	
Q24~28			2SC1740S(Q,R)	TRANSISTOR	K1P1Y1	
Q24~28			2SC1740S(Q,R)	TRANSISTOR	M1I1X1	
Q24~28			2SC1740S(Q,R)	TRANSISTOR	M2M3I2	
Q24~28			2SC1740S(Q,R)	TRANSISTOR	M5	
Q24~28			2SC2785(F,E)	TRANSISTOR	V2V3	
Q101~103			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q101~103			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q101~103			KTA1267(Y,GR)	TRANSISTOR	V2V3V4	
Q101~103			2SA933AS(Q,R)	TRANSISTOR	I2I3I4	
Q101~103			2SA933AS(Q,R)	TRANSISTOR	M2M3M4	
Q101~103			2SA933AS(Q,R)	TRANSISTOR	V2V3V4	
A1			W02-2561-05	ELECTRIC CIRCUIT MODULE		

CASSETTE MECHA UNIT (X28-296X-XX)

C1, 2			CK45FB1H561K	CERAMIC	560PF	K		
C3, 4			CE04LW1C100M	ELECTRO	10UF	16WV		
C5, 6			CK45FB1H391K	CERAMIC	390PF	K		
C7, 8			CE04LW1C220M	ELECTRO	22UF	16WV		
C9, 10			CQ93FMG1H223J	MYLAR	0.022UF	J		
C11, 12			CK45FB1H332K	CERAMIC	3300PF	K		
C15, 16			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C17, 18			CK45FB1H471K	CERAMIC	470PF	K		
C19, 20			CE04LW1C100M	ELECTRO	10UF	16WV		
C21, 22			CK45FB1H391K	CERAMIC	390PF	K		
C23, 24			CE04LW1C220M	ELECTRO	22UF	16WV		
C25, 26			CQ93FMG1H223J	MYLAR	0.022UF	J		
C27, 28			CK45FB1H332K	CERAMIC	3300PF	K		
C29, 30			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C31, 32			CK45FB1H682K	CERAMIC	6800PF	K		
C33, 34			CK45FB1H102K	CERAMIC	1000PF	K		
C35, 36			CE04LW1HR47M	ELECTRO	0.47UF	50WV		

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
C37, 38			CE04LW1H2R2M	ELECTRO	2.2UF	50WV			
C39, 40			CE04LW1H0R1M	ELECTRO	0.1UF	50WV			
C41, 42			CE04LW1C100M	ELECTRO	10UF	16WV			
C43, 44			CE04LW1H2R2M	ELECTRO	2.2UF	50WV			
C45, 46			CE04LW1HR47M	ELECTRO	0.47UF	50WV			
C47, 48			CE04LW1H2R2M	ELECTRO	2.2UF	50WV			
C49~52			CC45FSL1H221J	CERAMIC	220PF	J			
C53, 54			CQ93FMG1H472J	MYLAR	4700PF	J			
C55			CE04LW1H010M	ELECTRO	1.0UF	50WV			
C56			CQ93FMG1H103J	MYLAR	0.010UF	J			
C57			CE04LW1H0R1M	ELECTRO	0.1UF	50WV			
C58			CE04LW1C101M	ELECTRO	100UF	16WV			
C59, 60			CE04LW1C220M	ELECTRO	22UF	16WV			
C61, 62			CE04LW1C101M	ELECTRO	100UF	16WV			
C63			CE04LW1V4R7M	ELECTRO	4.7UF	35WV			
C64			CQ93FMG1H472J	MYLAR	4700PF	J			
C65			CQ93FMG1H103J	MYLAR	0.010UF	J			
C66			CQ93FMG1H472J	MYLAR	4700PF	J			
C67			CQ93HP2A103J	MYLAR	0.010UF	J			
C68			CK45FB2H471K	CERAMIC	470PF	K			
C69			CE04LW1H010M	ELECTRO	1.0UF	50WV			
C70, 71			CE04LW1C100M	ELECTRO	10UF	16WV			
C74			CK45FB1H471K	CERAMIC	470PF	K			
C75, 76			CK45FF1H103Z	CERAMIC	0.010UF	Z			
CN1			E40-3247-05	PIN ASSY					
CN2			E40-3250-05	PIN ASSY					
CN3, 4			E40-8257-05	FLAT CABLE CONNECTOR					
CN5			E40-8253-05	FLAT CABLE CONNECTOR					
CN6			E40-4977-05	PIN ASSY					
E2			J11-0809-05	WIRE CLAMPER					
L1, 2			L79-1242-05	LC FILTER					
L5, 6			L40-1035-29	SMALL FIXED INDUCTOR(10MH, J)					
L7			L32-0592-05	BIAS OSCILLATING COIL					
⚠ R43			RD14NB2E100J	RD	10	J	1/4W		
⚠ R53			RD14NB2E100J	RD	10	J	1/4W		
⚠ R62			RD14NB2E101J	RD	100	J	1/4W		
VR1, 2			R32-0030-05	SEMI FIXED VARIABLE RESISTOR					
VR3, 4			R32-0041-05	SEMI FIXED VARIABLE RESISTOR					
VR5, 6			R32-0036-05	SEMI FIXED VARIABLE RESISTOR					
VR7, 8			R32-0030-05	SEMI FIXED VARIABLE RESISTOR					
D1~4			HSS104A	DIODE					
D1~4			1SS133	DIODE					
D5			HZS2.7N(B2)	ZENER DIODE					
D5			MTZJ2.7(B)	ZENER DIODE					
IC1			HA12209F	ANALOGUE IC					
IC2, 3			BA328	IC					
IC4			BA3126N	ANALOGUE IC					
IC5			BA10393	ANALOGUE IC					
IC6			TC74HC166AP	IC(8BIT SHIFT REGISTER)					
Q1~4			2SC3246	TRANSISTOR					
⚠ Q5			2SC2003(L,K)	TRANSISTOR					
Q7, 8			2SC1740S(Q,R)	TRANSISTOR					
Q7, 8			2SC2785(F,E)	TRANSISTOR					

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
Q9			DTA124ESA	DIGITAL TRANSISTOR					
Q9			UN4112	DIGITAL TRANSISTOR					
Q10, 11			2SC1845(F,E)	TRANSISTOR					
Q12			DTC124ESA	DIGITAL TRANSISTOR					
Q12			UN4212	DIGITAL TRANSISTOR					
CD MECHA UNIT (X32-358X-XX)									
C1, 2			CC73FCH1H101J	CHIP C	100PF	J			
C3, 4			CE04LW1A101M	ELECTRO	100UF	10WV			
C5			CE04LW1H100M	ELECTRO	10UF	50WV			
C6			CC73FCH1H680J	CHIP C	68PF	J			
C8			CC73FCH1H101J	CHIP C	100PF	J			
C10			CK73FB1E333KTA	CHIP C	0.033UF	K			
C11			CE04LW1A471M	ELECTRO	470UF	10WV			
C12, 13			CC73FCH1H101J	CHIP C	100PF	J			
C14, 15			CC73FCH1H221J	CHIP C	220PF	J			
C16			CK73FB1H223KTA	CHIP C	0.022UF	K			
C17			CK73FF1E104Z	CHIP C	0.10UF	Z			
C18			CE04LW1A101M	ELECTRO	100UF	10WV			
C19			CE04LW0J331M	ELECTRO	330UF	6.3WV			
C20			CK73FF1E474Z	CHIP C	0.47UF	Z			
C21			CK73FB1H332K	CHIP C	3300PF	K			
C22			CK73FB1H152K	CHIP C	1500PF	K			
C23			CK73FB1E473KTA	CHIP C	0.047UF	K			
C24			CE04LW0J331M	ELECTRO	330UF	6.3WV			
C25			CK73FB1H103K	CHIP C	0.010UF	K			
C26		✻	C90-3798-05	ALUMINUM ELECTROLYTIC		C.			
C27			CC73FCH1H102J	CHIP C	1000PF	J			
C28			CK73FB1H103K	CHIP C	0.010UF	K			
C29		✻	C90-3800-05	ALUMINUM ELECTROLYTIC		C.			
C30, 31			CC73FCH1H470J	CHIP C	47PF	J			
C32			CK73FB1H103K	CHIP C	0.010UF	K			
C33			CC73FCH1H102J	CHIP C	1000PF	J			
C34			CC73FCH1H030C	CHIP C	3.0PF	C			
C35			CK73FB1H103K	CHIP C	0.010UF	K			
C36		✻	C90-3798-05	ALUMINUM ELECTROLYTIC		C.			
C37			CK73FB1H103K	CHIP C	0.010UF	K			
C38			CE04LW0J471M	ELECTRO	470UF	6.3WV			
C39, 40			CE04LW1H100M	ELECTRO	10UF	50WV			
C41, 42			CK73FB1H222K	CHIP C	2200PF	K			
C43, 44			CE04LW1H100M	ELECTRO	10UF	50WV			
C45, 46			CC73FCH1H561J	CHIP C	560PF	J			
C47, 48			CC73FCH1H681J	CHIP C	680PF	J			
C49			CK73FB1H103K	CHIP C	0.010UF	K			
C50		✻	C90-3801-05	ALUMINUM ELECTROLYTIC		C.			
C51, 52			CE04LW1H010M	ELECTRO	1.0UF	50WV			
C53			CE04LW0J331M	ELECTRO	330UF	6.3WV			
C54			CK73FF1C105Z	CHIP C	1.0UF	Z			
C55			CC73FCH1H151J	CHIP C	150PF	J			
C56			CE04LW0J331M	ELECTRO	330UF	6.3WV			
C57			CK73FF1C105Z	CHIP C	1.0UF	Z			
C58			CE04LW0J331M	ELECTRO	330UF	6.3WV			
C59			CK73FF1C105Z	CHIP C	1.0UF	Z			
C60			CC73FCH1H470J	CHIP C	47PF	J			
C61			CE04LW1A101M	ELECTRO	100UF	10WV			
C62, 63			CK73FF1E104Z	CHIP C	0.10UF	Z			

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Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C64~68			CC73FCH1H101J	CHIP C	100PF	J		
C69			CK73FB1H103K	CHIP C	0.010UF	K		
C70~72			CC73FCH1H101J	CHIP C	100PF	J		
C73			CE04LW0J221M	ELECTRO	220UF	6.3WV		
C74			CE04LW1H100M	ELECTRO	10UF	50WV		
C75			CE04LW0J221M	ELECTRO	220UF	6.3WV		
C76			CE04LW1H100M	ELECTRO	10UF	50WV	I2I3I4	
C76			CE04LW1H100M	ELECTRO	10UF	50WV	M2M3M4	
C77			CE04LW1A471M	ELECTRO	470UF	10WV		
C78			CK73FB1H103K	CHIP C	0.010UF	K		
C79			CC73FCH1H101J	CHIP C	100PF	J		
C81~84			CC73FCH1H101J	CHIP C	100PF	J		
C85			CC73FCH1H220J	CHIP C	22PF	J	I2I3I4	
C85			CC73FCH1H220J	CHIP C	22PF	J	M2M3M4	
C86, 87			CE04LW1A101M	ELECTRO	100UF	10WV		
C88			CK73FF1C105Z	CHIP C	1.0UF	Z		
C89			CK73FF1E104Z	CHIP C	0.10UF	Z		
C90			CC73FCH1H101J	CHIP C	100PF	J		
C91, 92			CQ93FMG1H102J	MYLAR	1000PF	J		
C93			CC73FCH1H030C	CHIP C	3.0PF	C		
C94, 95			CK73FF1C105Z	CHIP C	1.0UF	Z		
C97, 98			CK73FB1H103K	CHIP C	0.010UF	K		
C99			CK73FF1C105Z	CHIP C	1.0UF	Z		
C100			CC73FCH1H101J	CHIP C	100PF	J		
C101			CK73FB1H103K	CHIP C	0.010UF	K		
CN1			E40-8151-05	FLAT CABLE CONNECTOR				
CN2			E40-4979-05	PIN ASSY				
CN3			E40-4377-05	PIN ASSY				
CN4			E40-8255-05	FLAT CABLE CONNECTOR				
CN5			E40-8251-05	FLAT CABLE CONNECTOR				
CN6		*	E40-8202-05	SOCKET FOR PIN ASSY				
CN7			E40-4763-05	PIN ASSY				
CN8			E40-3247-05	PIN ASSY				
CN9			E40-4762-05	PIN ASSY				
J1			E63-0130-05	PHONO JACK				
E3~7			J11-0809-05	WIRE CLAMPER				
L1			L40-1001-31	SMALL FIXED INDUCTOR(10UH,K)				
X1			L77-2190-05	CRYSTAL RESONATOR(16.9344MHZ)				
X2			L78-0290-05	RESONATOR (8MHZ)				
R1			RK73FB2A224J	CHIP R	220K	J 1/10W		
R2~5			RK73FB2A683J	CHIP R	68K	J 1/10W		
R6			RK73FB2A224J	CHIP R	220K	J 1/10W		
R7			RK73FB2A100J	CHIP R	10	J 1/10W		
R8			RK73FB2A273J	CHIP R	27K	J 1/10W		
R9			RK73FB2A153J	CHIP R	15K	J 1/10W		
R10, 11			RK73FB2A101J	CHIP R	100	J 1/10W		
R12			RK73FB2A103J	CHIP R	10K	J 1/10W		
R13			RK73FB2A152J	CHIP R	1.5K	J 1/10W		
R14			RK73FB2A222J	CHIP R	2.2K	J 1/10W		
R15, 16			RK73FB2A103J	CHIP R	10K	J 1/10W		
R17			RK73FB2A564J	CHIP R	560K	J 1/10W		
R18, 19			RK73FB2A104J	CHIP R	100K	J 1/10W		
R20			RK73FB2A474J	CHIP R	470K	J 1/10W		
R21, 22			RK73FB2A101J	CHIP R	100	J 1/10W		

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R23			RK73FB2A104J	CHIP R	100K	J 1/10W		
R24			RK73FB2A103J	CHIP R	10K	J 1/10W		
R25			RK73FB2A104J	CHIP R	100K	J 1/10W		
R26, 27			RK73FB2A472J	CHIP R	4.7K	J 1/10W		
R28, 29			RK73FB2A153J	CHIP R	15K	J 1/10W		
R30			RK73FB2A104J	CHIP R	100K	J 1/10W		
R31			RK73FB2A333J	CHIP R	33K	J 1/10W		
R32			RK73FB2A104J	CHIP R	100K	J 1/10W		
R33			RK73FB2A103J	CHIP R	10K	J 1/10W		
R34, 35			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
R36			RK73FB2A105J	CHIP R	1.0M	J 1/10W		
R37			RK73FB2A104J	CHIP R	100K	J 1/10W		
R38			RK73FB2A472J	CHIP R	4.7K	J 1/10W		
R39			RK73FB2A101J	CHIP R	100	J 1/10W		
R40			RK73FB2A681J	CHIP R	680	J 1/10W		
R41			RK73FB2A221J	CHIP R	220	J 1/10W		
R42			RK73FB2A470J	CHIP R	47	J 1/10W		
R43			RK73FB2A104J	CHIP R	100K	J 1/10W		
R44			RK73FB2A472J	CHIP R	4.7K	J 1/10W		
R45			RK73FB2A4R7J	CHIP R	4.7	J 1/10W		
R46			RK73FB2A101J	CHIP R	100	J 1/10W		
R47, 48			RK73FB2A470J	CHIP R	47	J 1/10W		
R49, 50			RK73FB2A621J	CHIP R	620	J 1/10W		
R51, 52			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
R53, 54			RK73FB2A103J	CHIP R	10K	J 1/10W		
R55, 56			RK73FB2A101J	CHIP R	100	J 1/10W		
R57, 58			RK73FB2A103J	CHIP R	10K	J 1/10W		
R59, 60			RK73FB2A132J	CHIP R	1.3K	J 1/10W		
R61, 62			RK73FB2A912J	CHIP R	9.1K	J 1/10W		
R63, 64			RK73FB2A512J	CHIP R	5.1K	J 1/10W		
R65, 66			RK73FB2A362J	CHIP R	3.6K	J 1/10W		
R67, 68			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R71			RK73FB2A101J	CHIP R	100	J 1/10W		
R72			RK73FB2A471J	CHIP R	470	J 1/10W		
R73			RK73FB2A101J	CHIP R	100	J 1/10W		
R74			RK73FB2A471J	CHIP R	470	J 1/10W		
R75			RK73FB2A103J	CHIP R	10K	J 1/10W		
R76~84			RK73FB2A104J	CHIP R	100K	J 1/10W		
R85~89			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R90~92			RK73FB2A101J	CHIP R	100	J 1/10W		
R93			RK73FB2A331J	CHIP R	330	J 1/10W		
R94~96			RK73FB2A101J	CHIP R	100	J 1/10W		
R97			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R98			RK73FB2A101J	CHIP R	100	J 1/10W		
R99			RK73FB2A472J	CHIP R	4.7K	J 1/10W		
R100			RK73FB2A103J	CHIP R	10K	J 1/10W		
R102~106			RK73FB2A101J	CHIP R	100	J 1/10W		
R107			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R108, 109			RK73FB2A472J	CHIP R	4.7K	J 1/10W		
R111			RK73FB2A104J	CHIP R	100K	J 1/10W		
R112			RK73FB2A1R0J	CHIP R	1	J 1/10W		
R113, 114			RK73FB2A104J	CHIP R	100K	J 1/10W		
R115, 116			RK73FB2A1R0J	CHIP R	1	J 1/10W		
R117			RK73FB2A221J	CHIP R	220	J 1/10W		
R118			RK73FB2A101J	CHIP R	100	J 1/10W		

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R119			RK73FB2A473J	CHIP R	47K	J	1/10W		
R120~127			RK73FB2A220J	CHIP R	22	J	1/10W		
R128			RK73FB2A101J	CHIP R	100	J	1/10W		
R129			RK73FB2A473J	CHIP R	47K	J	1/10W		
R130			RK73FB2A470J	CHIP R	47	J	1/10W	I2I3I4	
R130			RK73FB2A470J	CHIP R	47	J	1/10W	M2M3M4	
R131			RK73FB2A223J	CHIP R	22K	J	1/10W		
R132			RK73FB2A123J	CHIP R	12K	J	1/10W		
R133			RK73FB2A103J	CHIP R	10K	J	1/10W		
R134			RK73FB2A113J	CHIP R	11K	J	1/10W		
R135			RK73FB2A123J	CHIP R	12K	J	1/10W		
R136			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R137			RK73FB2A621J	CHIP R	620	J	1/10W		
R138			RK73FB2A682J	CHIP R	6.8K	J	1/10W		
VR1			R12-3101-05	TRIMMING POT.					
D1~4			MA111	DIODE					
D9			UDZ3.9B	ZENER DIODE					
D10, 11			MA111	DIODE					
IC1			BA5979S	ANALOGUE IC					
IC2			CXA1571M	IC(CD RF AMP)					
IC3		*	CXD2585Q	MOS-IC					
IC4			PCM1717E	MOS-IC					
IC5		*	MN1873223AHA	MI-COM IC					
IC6			NJM2100M	IC(OP AMPLIFIER)					
IC7			TC7SU04F	MOS-IC					
IC8, 9			TA8409S	MOS-IC					
Q1			2SA954(L,K)	TRANSISTOR					
⚠ Q7			2SC3940A(R,S)	TRANSISTOR					
Q8, 9			DTC124EUA	DIGITAL TRANSISTOR					
Q8, 9			UN5212	DIGITAL TRANSISTOR					
Q10			2SB764(E,F)	TRANSISTOR					
Q11			DTC124EUA	DIGITAL TRANSISTOR					
Q11			UN5212	DIGITAL TRANSISTOR					
A1			W02-1114-05	OSCILLATING MODULE				I2I3I4	
A1			W02-1114-05	OSCILLATING MODULE				M2M3M4	
CD MECHA UNIT (X32-359X-XX)									
C1			CE04KW1A101M	ELECTRO	100UF	10WV			
C2			CE04KW0J331M	ELECTRO	330UF	6.3WV			
C3			CE04KW1A101M	ELECTRO	100UF	10WV			
C4			CC45FCH1H680J	CERAMIC	68PF	J			
C5			CF92FV1H474J	MF-C	0.47UF	J			
C6			CK45FF1H103Z	CERAMIC	0.010UF	Z			
C7			CQ93FMG1H332J	MYLAR	3300PF	J			
C8			CQ93FMG1H152J	MYLAR	1500PF	J			
C9			CQ93FMG1H473J	MYLAR	0.047UF	J			
C10			CK45FF1H103Z	CERAMIC	0.010UF	Z			
C11			CE04KW0J331M	ELECTRO	330UF	6.3WV			
C12			CK45FF1H103Z	CERAMIC	0.010UF	Z			
C13			CE04KW0J331M	ELECTRO	330UF	6.3WV			
C14			CF92FV1H104J	MF-C	0.10UF	J			
C15			CE04KW1A101M	ELECTRO	100UF	10WV			
C16			CK45FB1H471K	CERAMIC	470PF	K			
C17			CE04HW1E4R7M	NP-ELEC	4.7UF	25WV			
C18			CC45FSL1H221J	CERAMIC	220PF	J			

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Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C19, 20			CC45FSL1H101J	CERAMIC	100PF	J		
C21			CE04KW1A101M	ELECTRO	100UF	10WV		
C22			CQ93FMG1H333J	MYLAR	0.033UF	J		
C23, 24			CC45FCH1H560J	CERAMIC	56PF	J	E2Q1	
C23, 24			CC45FCH1H560J	CERAMIC	56PF	J	I1X1E1	
C23, 24			CC45FCH1H560J	CERAMIC	56PF	J	Y1M1M5	
C25			CC45FCH1H100D	CERAMIC	10PF	D	E2Q1	
C25			CC45FCH1H100D	CERAMIC	10PF	D	I1X1E1	
C25			CC45FCH1H100D	CERAMIC	10PF	D	Y1M1M5	
C30			CF92FV1H224J	MF-C	0.22UF	J		
C31, 32			CQ93FMG1H102J	MYLAR	1000PF	J		
C37, 38			CQ93FMG1H222J	MYLAR	2200PF	J	E2Q1	
C37, 38			CQ93FMG1H222J	MYLAR	2200PF	J	I1X1E1	
C37, 38			CQ93FMG1H222J	MYLAR	2200PF	J	Y1M1M5	
C39, 40			CQ93FMG1H391K	MYLAR	390PF	K	E2Q1	
C39, 40			CQ93FMG1H391K	MYLAR	390PF	K	I1X1E1	
C39, 40			CQ93FMG1H391K	MYLAR	390PF	K	Y1M1M5	
C41, 42			CQ93FMG1H103J	MYLAR	0.010UF	J		
C43, 44			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C45~47			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C48			CK45FB1H102K	CERAMIC	1000PF	K		
C49			CC45FSL1H151J	CERAMIC	150PF	J		
C50			CK45FB1H681K	CERAMIC	680PF	K		
C51			CE04KW1H100M	ELECTRO	10UF	50WV	E2Q1	
C51			CE04KW1H100M	ELECTRO	10UF	50WV	I1X1E1	
C51			CE04KW1H100M	ELECTRO	10UF	50WV	Y1M1M5	
C62			CE04KW1A101M	ELECTRO	100UF	10WV		
C63, 64			CE04HW1H010M	NP-ELEC	1.0UF	50WV		
CN1			E40-8151-05	FLAT CABLE CONNECTOR				
CN2			E40-4377-05	PIN ASSY				
CN3			E40-4763-05	PIN ASSY				
CN4			E40-3247-05	PIN ASSY				
CN5			E40-4762-05	PIN ASSY				
CN6			E40-8255-05	FLAT CABLE CONNECTOR				
CN7			E40-4979-05	PIN ASSY				
E2~6			J11-0809-05	WIRE CLAMPER				
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				
X1			L77-2190-05	CRYSTAL RESONATOR(16.9344MHZ)			E2Q1	
X1			L77-2190-05	CRYSTAL RESONATOR(16.9344MHZ)			I1X1E1	
X1			L77-2190-05	CRYSTAL RESONATOR(16.9344MHZ)			Y1M1M5	
X1			L78-0299-05	RESONATOR	(16.93M)		E3	
X1			L78-0299-05	RESONATOR	(16.93M)		K1P1K2	
X1			L78-0299-05	RESONATOR	(16.93M)		P2X2Q2	
VR1			R12-3101-05	TRIMMING POT.				
D1~6			HSS104A	DIODE				
D1~6			1SS133	DIODE				
IC1			CXA1571M	ANALOGUE IC				
IC2			CXD2587Q	MOS-IC				
IC3			BA5979S	ANALOGUE IC				
IC4, 5			TA8409S	MOS-IC				
Q1			2SA954(L,K)	TRANSISTOR				
Q6, 7			DTC124ESA	DIGITAL TRANSISTOR				

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Q6, 7			UN4212	DIGITAL TRANSISTOR		
⚠ Q8			2SB764(E,F)	TRANSISTOR		
A1			W02-1114-05	OSCILLATING MODULE	E2Q1	
A1			W02-1114-05	OSCILLATING MODULE	I1X1E1	
A1			W02-1114-05	OSCILLATING MODULE	Y1M1M5	
CD MECHANISM (D40-1590-08)						
101	3B		A10-3119-08	CHASSIS (MAIN)		
102	3A		A15-0089-08	FRAME (MD-B)		
105	2A		D10-3538-08	SLIDER (LIFT)		
107	2B		D10-3459-08	LEVER (LOCK)		
108	2A		D10-3638-08	LEVER (BRAKE)		
109	2B		D10-3496-18	FRICTION ARM ASSY		
110	2A		D10-3659-04	FEED SHAFT		
113	1A		D13-1599-08	GEAR (IDLER)		
114	2B		D13-1600-08	GEAR (LOAD)		
115	2B		D13-1601-08	GEAR (CENTER)		
117	3A		D13-1603-08	CAM GEAR (UP/DOWN)		
118	1A		D13-1604-08	GEAR (HELICAL)		
119	2A		D13-1765-03	GEAR		
120	2B, 3B		D14-0361-08	ROLLER (TRAY)		
122	2B		D15-0366-08	PULLEY (LOAD)		
123	2B		D16-0363-08	DRIVE BELT		
125	2B		D21-1762-08	SHAFT (PULLEY)		
126	2A		D13-1763-04	GEAR (MIDDLE)		
132	2A, 2B		E35-0811-08	3P WIRE		
133	3B		E35-1184-08	6P WIRE		
134	2A		E35-1185-08	6P FLAT WIRE		
135	3A		E35-1186-08	6P WIRE (TU-D)		
136	3A		E35-1187-08	16P FLAT CABLE		
137	3A		E40-3264-05	CONNECTOR		
140	1A		F07-0773-08	COVER (TRAY)		
141	2A		N19-1441-08	WASHER		
143	2A		N19-1435-05	FLAT WASHER		
145	3A		G01-3806-18	SPRING (MD-H)		
146	3A		G01-3807-18	SPRING (MD-G)		
148	3A		G01-3663-08	SPRING (CAM)		
149	2B		G01-3664-08	SPRING (LOCK)		
150	2A		G01-3931-08	SPRING (BRAKE)		
151	2A		G01-3768-08	SPRING (LIFT)		
152	1A, 1B		G16-0821-04	SHEET (TRAY)		
153	3B		G16-0856-08	FILAMENT TAPE		
155	2A		J02-1133-08	INSULATOR		
156	2B		J11-0813-08	CLAMPER		
157	1B		J19-3758-08	BRACKET (CLAMP)		
158	2B		J19-3660-08	BRACKET (GEAR)		
159	2B, 3B		J19-3661-08	BRACKET (TRAY)		
160	3B		J61-0081-05	SK BINDER SKB-100		
161	1A		J99-0541-08	TRAY (SLIDE)		
162	1A		J99-0542-08	TRAY (ROTARY)		
163	2A		J90-0844-03	GUIDE (RAIL)		
L			N09-2658-08	SCREW		
M			N09-3053-08	SCREW		

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N			N09-3107-08	SCREW		
P			N09-3140-08	SCREW		
Q			N09-3141-08	SCREW		
165	2B		S33-2061-05	LEVER SWITCH		
166	1A, 2A		S64-0025-08	LEVER SWITCH MXS00621NLBO		
167	3A		S74-0065-05	LEAF SWITCH		
171	1B		T99-0544-05	MAGNET		
DM	3A		A11-1114-08	T T CHASSIS ASSY		
FM	3A		T42-0872-08	FEED MOTOR ASSY		
LM	3B		T42-0682-08	MOTOR PULLEY ASSY		
PU	3A		T25-0050-05	PICKUP (KCP1H)		
RTM	2B		T42-0683-08	MOTOR WORM ASSY		
CASSETTE MECHANISM (D40-1588-08)						
401	1D		A10-3340-08	CHASSIS		
402	2C		A10-3350-08	HEAD CHASSIS		
403	1E		A11-1119-08	MECHA BASE ASSY		
404	2E		D01-0201-08	FLYWHEEL ASSY (R)		
405	1C		D01-0202-08	FLYWHEEL ASSY (L)		
406	2D		D10-3711-08	INTER LOCK ARM (BR)B		
407	1C		D10-3712-08	INTER LOCK ARM (BL)A		
408	2E		D10-3717-08	TRIGGER ARM		
409	2E		D10-3718-08	BRAKE ARM		
410	2D		D13-1809-08	CAM GEAR		
411	1E		D13-1810-08	IDLER GEAR (REM)		
412	1D		D13-1811-08	IDLER GEAR		
413	1C, 2C		D13-1813-08	RETURN GEAR		
414	1C, 2C		D13-1814-08	ROTATOR		
415	1C, 2E		D13-1812-08	REEL GEAR		
416	2D		D14-0387-08	PINCH ASSY (R)		
417	2C0		D14-0388-08	PINCH ASSY (L)		
418	1D		D15-0400-08	PULLEY GEAR		
419	2E		D16-0716-08	DRIVE BELT		
420	2E		D16-0717-08	CLUTCH BELT (W)		
421	1D		D19-0306-08	CLUTCH ASSY		
422	2C		D23-0329-08	HOUSING ASSY (L)		
423	2D		D23-0330-08	HOUSING ASSY (R)		
424	1D, 1E		B30-2409-08	LED		
425	1E		E35-2172-08	15P FLAT RIBBON WIRE		
427	1E		E35-1818-08	MOTOR WIRE		
429	1C, 2D		G01-3709-08	B.T SPRING		
430	2E		G01-3990-08	TRIGGER ARM SP		
431	1D		G01-3991-08	CLUTCH ARM SP		
432	2C		G01-3992-08	HERD RETURN SP		
433	2D		G01-3993-08	HERD CHASSIS SP		
434	1C, 2C		G01-3994-08	RETURN GEAR SP		
435	1C, 2C		G01-3995-08	EARTH SP		
436	1C		G01-3996-08	INTER LOCK SP (BL)		
437	1C, 2D		G01-3997-08	INTER LOCK SP (C)		
438	2E		G01-3998-08	BRAKE ARM SP		
439	2D		G01-3999-08	INTER LOCK SP (BR)		
440	1D		G02-0913-08	PACK SP		
441	1C, 2C		G02-1623-08	AZIMUTH PLATE		
442	1C, 2C		G11-2100-08	HEAD WIRE CLAMP		

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HOW TO READ THE PARTS LIST

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	ABB.	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
RXD-A900	-	-	P1	-	-	-	-	-	-
RXD-951	-	X1	-	-	-	E1	-	-	I1
RXD-951E	-	-	-	-	-	E2	-	-	-
RXD-951W	-	-	-	-	-	-	-	-	-
RXD-A700	-	X2	P2	-	-	-	-	-	-
RXD-A700E	-	-	-	-	-	E3	-	-	-
RXD-A700W	-	-	-	-	-	-	-	-	-
RXD-V616	-	-	-	-	-	-	-	-	I4
RXD-V818	-	-	-	-	-	-	-	-	I3
RXD-V919	-	-	-	-	-	-	-	-	I2

MODEL	ABB.	Mexico	PX/AAFES	Russia	Scandinavia	Shanghai	USA	Other area	
RXD-A900	-	-	-	-	-	-	K1	-	-
RXD-951	-	-	Y1	Q1	-	-	-	M1	-
RXD-951	-	-	-	-	-	-	-	M5	-
RXD-951E	-	-	-	-	-	-	-	-	-
RXD-951W	-	-	-	-	-	-	-	-	-
RXD-A700	-	-	-	-	-	-	K2	-	-
RXD-A700E	-	-	-	-	-	-	-	-	-
RXD-A700W		-	-	Q2	-	-	-	-	-
RXD-V616	-	-	-	-	-	V4	-	M4	-
RXD-V818	-	-	-	-	-	V3	-	M3	-
RXD-V919	-	-	-	-	-	V2	-	M2	-

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
443	1E		J19-5929-08	CABLE HOLDER		
444	2C		E35-1819-08	HEAD WIRE		
445	2C		E35-1821-08	HEAD WIRE		
446	2D		J21-6473-08	H/D RETURN PLATE		
447	1C, 2C		J21-6474-08	HEAD PLATE		
450	1C, 2C		J31-0877-08	ROTATOR COLLAR		
451	1C, 2C		J39-0200-08	HEAD BASE		
452	1C, 2D		J42-0183-08	REEL BUSH		
453	2E		J69-0086-08	FILAMENT TAPE		
454	2D		J90-0849-08	CASSETTE GUIDE		
455	1C, 2D		D19-0270-08	REEL CAP (A)		
473	1D, 1E		RD14BB2C222J	RESISTOR 2.2ohm		
475	1E		S74-0033-08	REC SWITCH		
476	1E		S74-0042-08	PLAY SWITCH		
479	1E		T42-0919-08	MOTOR ASSY		
480	1E		T94-0239-08	SOLENOID ASSY		
481	1E		T95-0154-08	PHOTO INTERRUPTER		
CA			N09-3372-08	HEAD SCREW		
CB			N09-1497-08	TAP TITE SCREW 2X5		
CC			N09-3384-08	TAPPING SCREW 1.7X8		
CD			N09-2877-08	TAPTITE SCREW 2X4		
CE			N09-2900-08	BIND TAPPING SCREW 2X6		
CF			N35-2604-08	BINDING SCREW 2.6X4		
CG			N09-3112-08	AZIMUTH SCREW		
CH			N09-3371-08	SCREW (CAM)		
CJ			N19-1439-08	POLY MASHER 4X7X.04CUT		
CK			N19-1355-08	NYLON WASHER 1.9X5X0.5		
CL			N19-1354-08	NYLON WASHER 2.19X5.5X0.5		
CM			N19-1387-08	TEFLON WASHER 4.1X5.5X0.25		
CN			N19-1384-08	POLY WASHER 2.1X5X0.25		
CP			N19-1388-08	POLY WASHER 1.57X4X0.5CUT		
CQ			N19-1385-08	POLY WASHER 2.3X4X0.25		
CR			N09-3366-08	SCREW (INTER LOCK)		
CS			N19-1316-08	POLY WASHER 1.8X6X0.5CUT		
CT			N19-1288-08	POLY WASHER 1.57X5X0.5CUT		
CU			N09-0832-08	TAPTITE SCREW 2.6X6		
PH	1C		T31-0077-08	POTATION HEAD		
RPEH	2C		T34-0352-08	ROTATION HEAD (RP) KC9142		

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RXD-951/A700/A900/V616/V818/V919

SPECIFICATIONS

RXD-951/A900
Main unit

[Amplifier section]

Rated output power during STEREO operation
(U.S.A. and Canada)

100 watts per channel minimum RMS, both channels driven, at 6 Ω form 14 Hz to 14 kHz with no more than 0.9 % total harmonic distortion. (FTC)

(Europe, U.K. and Russia)
(DIN) 1 kHz, 0.7 % T.H.D., 6 Ω
Two channels driven ..... 100 W + 100 W
(Other countories)
1 kHz, 1.0 % T.H.D., 6 Ω
Two channels driven ..... 115 W + 115 W
Effective output power during STEREO operation
(Except for U.S.A. and Canada)
FRONT (1 kHz, 10 % T.H.D., 6 Ω) ..... 135 W + 135 W
Effective output power during SURROUND operation
(Except for U.S.A. and Canada)
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W + 100 W
SUB WOOFER (60 Hz, 10 % T.H.D., 12 Ω // 12 Ω)
One channel driven ..... 100 W + 100 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω // 12 Ω)
One channel driven ..... 100 W + 100 W
Signal to noise ratio
AUX ..... 90 dB
Input sensitivity / impedance
AUX ..... 270 mV / 47 kΩ
MIC 1, 2 (Except for some arears) ..... 1.6 mV / 22 kΩ
Output level / impedance
AUX (Except for U.S.A. and Canada) ..... 1.2 V / 1 kΩ

[Tuner section]

FM tuner section
Tuning frequency range ..... 87.5 MHz ~ 108 MHz
(For Russia) ..... 65.0 MHz ~ 74.0 MHz
MW (AM) Tuner section
Tuning frequency range
(Europe, U.K. and Russia) ..... 531 kHz ~ 1,602 kHz
(Other countories)
9 kHz step ..... 531 kHz ~ 1,602 kHz
10 kHz step ..... 530 kHz ~ 1,610 kHz
(U.S.A. and Canada) ..... 530 kHz ~ 1,700 kHz
LW tuner section (For the United Kingdom and Russia)
Tuning frequency range ..... 153 kHz ~ 279 kHz

[Cassette deck section]

Track ..... 4-track, 2-channel stereo
Recording system ..... AC bias system
(Frequency: 105 kHz)
Heads
A deck Playback head 1
B deck Playback / recording head 1
Erasing head 1
Motors 2
Fast winding time ..... Approx. 115 seconds
(C-60 tape)

[CD player section]

Laser ..... Semiconductor laser
Wow & Flutter ..... Less than unmeasurable Limit
(Except for U.S.A. and Canada)
Digital output ..... - 15 dBm ~ - 21 dBm
(Wave length 660 nm)

[General]

Power consumption ..... 200 W
Dimensions ..... W: 280 mm (11")
H: 332 mm (13-1/16")
D: 350 mm (13-3/4")
Weight (net) ..... 11.8kg (26.0 lb)

RXD-A700
Main unit

[Amplifier section]

Rated output power during STEREO operation
(U.S.A. and Canada)

70 watts per channel minimum RMS, both channels driven, at 6 Ω form 40 Hz to 14 kHz with no more than 0.9 % total harmonic distortion.

(Other countories)
1 kHz, 1.0 % T.H.D., 6 Ω
Two channels driven ..... 85 W + 85 W
Effective output power during STEREO operation
(Except for U.S.A. and Canada)
FRONT (1 kHz, 10 % T.H.D., 6 Ω) ..... 100 W + 100 W
Effective output power during SURROUND operation
(Except for U.S.A. and Canada)
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 70 W + 70 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 30 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω // 12 Ω)
One channel driven ..... 30 W + 30 W
Signal to noise ratio
AUX ..... 90 dB
Input sensitivity / impedance
AUX ..... 240 mV / 47 kΩ
Output level / impedance
AUX (Except for U.S.A. and Canada) ..... 1.2 V / 1 kΩ
SUPER WOOFER PREOUT ..... 1.8 V / 600 Ω

[Tuner section]

FM tuner section
Tuning frequency range ..... 87.5 MHz ~ 108 MHz
(For Russia) ..... 65.0 MHz ~ 74.0 MHz
MW (AM) Tuner section
Tuning frequency range
(Europe, U.K. and Russia) ..... 531 kHz ~ 1,602 kHz
(Other countories)
9 kHz step ..... 531 kHz ~ 1,602 kHz
10 kHz step ..... 530 kHz ~ 1,610 kHz
(U.S.A. and Canada) ..... 530 kHz ~ 1,700 kHz
LW tuner section (For the United Kingdom and Russia)
Tuning frequency range ..... 153 kHz ~ 279 kHz

[Cassette deck section]

Track ..... 4-track, 2-channel stereo
Recording system ..... AC bias system
(Frequency: 105 kHz)
Heads
A deck Playback head 1
B deck Playback / recording head 1
Erasing head 1
Motors 2
Fast winding time ..... Approx. 115 seconds
(C-60 tape)

[CD player section]

Laser ..... Semiconductor laser
Wow & Flutter ..... Less than unmeasurable Limit
(Except for U.S.A. and Canada)
Digital output ..... - 15 dBm ~ - 21 dBm
(Wave length 660 nm)

[General]

Power consumption ..... 190 W
Dimensions ..... W: 280 mm (11")
H: 332 mm (13-1/16")
D: 350 mm (13-3/4")
Weight (net) ..... 11.7kg (25.7 lb)

Notes
1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be possible at very low temperatures (0°C or less).

SPECIFICATIONS

RXD-V919/V818

Main unit

[Amplifier section]

Rated output power during STEREO operation
1 kHz, 1.0 % T.H.D., 6 Ω
Two channels driven ..... 115 W + 115 W
Effective output power during STEREO operation
1 kHz, 10 % T.H.D., 6 Ω
Two channels driven ..... 135 W + 135 W
Effective output power during SURROUND operation
(For only XD-V919)
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W + 100 W
SUB WOOFER (60 Hz, 10 % T.H.D., 12 Ω / 12 Ω)
One channel driven ..... 100 W + 100 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω / 12 Ω)
One channel driven ..... 100 W + 100 W

Signal to noise ratio
AUX ..... 90 dB
Input sensitivity / impedance
AUX ..... 270 mV / 47 kΩ
Output level / impedance
AUX ..... 1.2 V / 1 kΩ

[Tuner section]

FM tuner section
Tuning frequency range ..... 87.5 MHz ~ 108 MHz
MW (AM) Tuner section
Tuning frequency range
9 kHz step ..... 531 kHz ~ 1,602 kHz
10 kHz step ..... 530 kHz ~ 1,610 kHz

[Cassette deck section]

Track ..... 4-track, 2-channel stereo
Recording system ..... AC bias system
(Frequency: 105 kHz)
Heads
A deck Playback head 1
B deck Playback / recording head 1
Erasing head 1
Motors 2
Fast winding time ..... Approx. 115 seconds
(C-60 tape)

[CD player section]

Laser ..... Semiconductor laser
Wow & Flutter ..... Less than unmeasurable Limit
Digital output ..... - 15 dBm ~ - 21 dBm
(Wave length 660 nm)

[General]

Power consumption (XD-V919) ..... 230 W
(XD-V818) ..... 210 W
Dimensions ..... W: 280 mm (11")
H: 332 mm (13-1/16")
D: 350 mm (13-3/4")
Weight (net) ..... 11.8 kg (26.0 lb)

RXD-V616

Main unit

[Amplifier section]

Rated output power during STEREO operation
1 kHz, 1.0 % T.H.D., 6 Ω ..... 85 W + 85 W
Effective output power during STEREO operation
kHz, 10 % T.H.D., 6 Ω ..... 100 W + 100 W
Signal to noise ratio
AUX ..... 90 dB
Input sensitivity / impedance
AUX ..... 240 mV / 47 kΩ
Output level / impedance
AUX ..... 1.2 V / 1 kΩ
SUPER WOOFER PRE OUT ..... 1.8 V / 600 Ω

[Tuner section]

FM tuner section
Tuning frequency range ..... 87.5 MHz ~ 108 MHz
MW (AM) Tuner section
Tuning frequency range
9 kHz step ..... 531 kHz ~ 1,602 kHz
10 kHz step ..... 530 kHz ~ 1,610 kHz

[Cassette deck section]

Track ..... 4-track, 2-channel stereo
Recording system ..... AC bias system
(Frequency: 105 kHz)
Heads
A deck Playback head 1
B deck Playback / recording head 1
Erasing head 1
Motors 2
Fast winding time ..... Approx. 115 seconds
(C-60 tape)

[CD player section]

Laser ..... Semiconductor laser
Wow & Flutter ..... Less than unmeasurable Limit
Digital output ..... - 15 dBm ~ - 21 dBm
(Wave length 660 nm)

[General]

Power consumption ..... 200 W
Dimensions ..... W: 280 mm (11")
H: 332 mm (13-1/16")
D: 350 mm (13-3/4")
Weight (net) ..... 11.7kg (25.7 lb)

Notes
1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be possible at very low temperatures (0°C or less).